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

EMLA-2021-0014-02-001

October 26, 2020

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

Subject: Submittal of the 2020 Annual Periodic Monitoring Report for the Chromium Investigation Monitoring Group, Mortandad Canyon and Sandia Canyon Watersheds, Revision 1

Dear Mr. Pierard:

Enclosed please find two hard copies with electronic files of the "2020 Annual Periodic Monitoring Report for the Chromium Investigation Monitoring Group, Mortandad Canyon and Sandia Canyon Watersheds, Revision 1." Enclosure 1 includes an electronic copy of a redline strikeout version of the report that incorporates all changes made in response to the New Mexico Environment Department's draft comments dated July 20, 2020. A copy of the response is provided as Enclosure 2.

These reports are submitted in accordance with Appendix E, Section IV, of the June 2016 Compliance Order on Consent, as modified on February 27, 2017.

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

Sincerely,

Arturo Duran Digitally signed by Arturo Duran Date: 2020.10.22 14:03:37 -06'00'

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

Enclosures:

1. Two hard copies with electronic files (including a redline strikeout version) – 2020 Annual Periodic Monitoring Report for the Chromium Investigation Monitoring Group, Mortandad Canyon and Sandia Canyon Watersheds, Revision 1 (EM2020-0517)
2. Response to the New Mexico Environment Department's Draft Comments on the 2020 Annual Periodic Monitoring Report for the Chromium Investigation Monitoring Group, Mortandad Canyon and Sandia Canyon Watersheds, May 2020, HWB-LANL-20-032, Dated July 30, 2020 (EM2020-0399)

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Pamela T. Maestas

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Sent: Monday, November 2, 2020 1:15 PM
To: Pamela T. Maestas
Subject: RE: Submittal to NMED on 10/26/2020 of 2020 Chromium PMR, Rev. 1

Received

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Subject: [EXT] Submittal to NMED on 10/26/2020 of 2020 Chromium PMR, Rev. 1

Mr. Pierard,
Attached for submittal is a pdf file of the following:

- Submittal of the 2020 Annual Periodic Monitoring Report for the Chromium Investigation Monitoring Group, Mortandad Canyon and Sandia Canyon Watersheds, Revision 1 (EMLA-2021-0014-02-001, letter, enclosure 2, and partial enclosure 1)

A DVD with all the files (including Appendix F data files) for the submittal has been taken to the NMED-HWB office today.
Please acknowledge receipt of this submittal by responding to this email.
Let me know if you have any questions.
Thank you.

Pamela T. Maestas
Regulatory Documentation Manager
Newport News Nuclear BWXT-Los Alamos, LLC
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1200 Trinity Drive, Suite 150
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Response to the New Mexico Environment Department's Draft Comments on the 2020 Annual Periodic Monitoring Report for the Chromium Investigation Monitoring Group, Mortandad Canyon and Sandia Canyon Watersheds, May 2020, HWB-LANL-20-032, Dated July 30, 2020

INTRODUCTION

To facilitate review of this response, the New Mexico Environment Department's (NMED's) comments are included verbatim. The U.S. Department of Energy (DOE) Environmental Management Los Alamos Field Office responses follow each NMED comment. All information associated with analyses of radionuclides is voluntarily provided to NMED in accordance with DOE policy.

SPECIFIC COMMENTS

NMED Comment

1. Section 5.2.2.1 Perched-Intermediate Monitoring Wells, MCOI-5, Page 10:

a. ***DOE Statement:*** *"At MCOI-5, 1,4-dioxane concentrations were detected over the NMED tap water screening level (screening value) of 4.59 µg/L during the May 8, 2019, sampling event with a concentration of 22.9 µg/L."*

NMED Comment: *The Report indicates that 1,4-dioxane was detected above the screening value at MCOI-5 in the third quarter of MY2019 and it was included in Table C-1. Table 3.4-1 of the approved MY2020 IFGMP indicates low-level 1,4-dioxane was proposed for annual analysis at MCOI-5 presumably during the first quarter of MY2020 when the other wells were sampled. However, Table C-1 does not include the results for low-level 1,4-dioxane for MCOI-5 from first quarter and the deviation is neither reported in Table 2.1-1 nor discussed in the text. Please revise the Report to include the result for this analysis in Section 5.2.2.1 and Table C-1 or provide a justification for not meeting the objectives of approved MY2020 IFGMP.*

b. ***DOE Statement:*** *"At MCOI-5, nitrate-nitrite as nitrogen concentrations were detected above the EPA MCL screening value of 10 mg/L during the January 11, 2019; May 8, 2019; and July 24, 2019, sampling events with the respective concentrations of 14.0 mg/L, 12.5 mg/L, and 11.6 mg/L. …At MCOI-5, perchlorate concentrations were detected above the NMED tap water screening level of 13.8 µg/L during the January 11, 2019; May 8, 2019; and July 24, 2019, sampling events with the respective concentrations of 213.0 µg/L, 170.0 µg/L, and 151.0 µg/L."*

NMED Comment: *The Report indicates that nitrate-nitrite as nitrogen and perchlorate were detected at MCOI-5 during the last three quarters of MY2019. Table 3.4-1 of the MY2020 IFGMP indicates that these parameters were to be sampled and analyzed quarterly at MCOI-5 starting with the first quarter of MY2020. However, Table C-1 does not include the results for first quarter for these parameters (i.e., metals, inorganics, volatile and semi-volatile organics) at MCOI-5 and the deviations are not reported in Table 2.1-1 or discussed in the text. Please revise the Report to include the results for these analyses in Section 5.2.2.1 and Table C-1 or provide justification for not meeting the objectives of MY2020 IFGMP.*

DOE Response

1.a. Low-level 1,4-dioxane was scheduled to be sampled in monitoring year (MY) 2020 quarter 1 for annual sampling at MCOI-5. Because of limited water, a prioritized suite was collected at MCOI-5 on November 13, 2019. The prioritized suite consisted only of per- and polyfluoroalkyl substances (PFAS), and did not include low-level 1,4-dioxane.

Table 2.1-1 of the report will be modified to include the following:

Sampling Event		Watershed	Monitoring Location	Observation/Deviation	Cause	Comments
Monitoring Year	Quarter					
Quarterly Sampling						
2020	1	Mortandad	MCOI-5	Limited analytical data will be available for this site.	A prioritized suite was collected.	A prioritized suite consisting only of PFAS was collected because of limited available water.

Because the prioritized analytical suite did not include low-level 1,4-dioxane analysis, these results will not be included in Appendix C, Table C-1 on page C-11.

1.b. General inorganics, which include nitrate-nitrite as nitrogen and perchlorate, were scheduled to be analyzed in MY 2020 quarter 1. Because of limited water, a prioritized suite was collected at MCOI-5 on November 13, 2019. The prioritized suite consisted only of PFAS and did not include general inorganics.

Table 2.1-1 of the report will be modified to include the following (same as comment 1a):

Sampling Event		Watershed	Monitoring Location	Observation/Deviation	Cause	Comments
Monitoring Year	Quarter					
Quarterly Sampling						
2020	1	Mortandad	MCOI-5	Limited analytical data will be available for this site.	A prioritized suite was collected.	A prioritized suite consisting only of PFAS was collected because of limited available water.

Because the prioritized analytical suite did not include general inorganics, these results will not be included in Appendix C, Table C-1 on page C-11.

NMED Comment

2. ***Section 6.3, Data Gaps, Page 13; Table 2.1-1, Chromium Investigation Monitoring Group PME Observations and Deviations, Page 33:***

   DOE Statement: *"Table 2.1-1 summarizes the deviations from the planned monitoring scope for this PMR."*

   NMED Comment: *Table 2.1-1 does not include deviations for the first quarter of MY2020 regarding the non-reporting of detections at MCOI-5 (Comment No. 1). If there were deviations from the IFGMP sampling objectives for MCOI-5 during this event, please revise Table 2.1-1 to include these deviations.*

DOE Response

2. Because of limited water, a prioritized suite was collected at MCOI-5 on November 13, 2019. The prioritized suite consisted only of PFAS.

   Table 2.1-1 of the report will be modified to include the following (same as comment 1a and 1b):

Sampling Event		Watershed	Monitoring Location	Observation/Deviation	Cause	Comments
Monitoring Year	Quarter					
Quarterly Sampling						
2020	1	Mortandad	MCOI-5	Limited analytical data will be available for this site.	A prioritized suite was collected.	A prioritized suite consisting only of PFAS was collected because of limited available water.

NMED Comment

3. ***Table 5.2-1, Chromium Investigation Monitoring Group Results Above Screening Values, Page 47:***

   NMED Comment: *Please revise the table to include a narrative in Section 5.2.2.1 to report the low-level 1,4-dioxane detection of 28.3 ug/L in MCOI-6 during the first quarter MY2020 sampling event.*

DOE Response

3. Currently, text for MCOI-6 in section 5.2.2.1 includes the low-level 1,4-dioxane detection of 28.3 µg/L obtained during the MY 2020 quarter 1 sampling event. The text currently states:

   > "A concentration of 28.3 µg/L for the November 14, 2019, event was obtained using a low-level selected ion monitoring (SIM) method, and had a 4× dilution factor. This is the first year that the low-level method was used, and focused validation is ongoing."

   DOE proposes leaving the text as is.

NMED Comment

4. Appendix C, Table C-1 Analytical Results from the Periodic Monitoring Event Reported in this Periodic Monitoring Report, Page C-11.

NMED Comments: *Please revise Appendix C to include the results or a justification for not reporting the following results in Appendix C Table C-1; these were proposed for sampling in approved MY2019 and MY2020 IFGMPs:*

a. There are no first quarter MY2020 sampling results reported for MCOI-5 for metals, semi-annual VOCs and SVOCs, general inorganics, and annual tritium and radionuclides as indicated in Table 3.4-1 of the MY2019 and the MY2020 IFGMPs, and no annual results reported for low-level 1,4-dioxane (Comment No. 1) and low-level nitrosamines, as indicated in Table 3.4-1 of the MY2020 IFGMP.

b. There are no sampling results reported for prometon for all wells except for R-61 S1 as proposed in Table 3.4-1 of the MY2020 IFGMP.

c. There are no results reported for low-level tritium for the fourth quarter MY2019 and for the first quarter MY2020 for the Chromium Interim Measures monitoring wells as proposed in Table 3.4-1 of the approved MY2019 and MY2020 IFGMPs.

d. There are no annual results reported for low-level tritium at SCI-1, R-1, R-13 and R-15 as proposed in Table 3.4-1 of the approved MY2019 and MY2020 IFGMPs.

DOE Response

4.a. Because of limited water, a prioritized suite was collected at MCOI-5 on November 13, 2019. The prioritized suite consisted only of PFAS and did not include metals, volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), general inorganics, tritium and radionuclides, low-level 1,4-dioxane, and low-level nitrosomines.

Table 2.1-1 of the report will be modified to include the following (same as comment 1a, 1b, and 2):

Sampling Event		Watershed	Monitoring Location	Observation/Deviation	Cause	Comments
Monitoring Year	Quarter					
Quarterly Sampling						
2020	1	Mortandad	MCOI-5	Limited analytical data will be available for this site.	A prioritized suite was collected.	A prioritized suite consisting only of PFAS was collected because of limited available water.

Because the prioritized analytical suite did not include metals, VOCs, SVOCs, general inorganics, tritium and radionuclides, low-level 1,4-dioxane, and low-level nitrosomines, these results will not be included in Appendix C, Table C-1, on page C-11.

4.b. Prometon and sulfolane were added to the New Mexico Water Quality Control Commission toxic pollutants list in December 2018. General Engineering Laboratories, LLC (GELC) was contracted to

perform the analysis; however, they were not certified under the U.S. Department of Energy Consolidated Audit Program (DOECAP). GELC became DOECAP certified by December 24, 2019.

As a result, prometon and sulfolane results from samples collected before GELC was DOECAP certified for prometon and sulfolane analyses (between October 1, 2019, and December 24, 2019) were held within the Environmental Information Management System (EIM) until the samples were reanalyzed and reported under GEL's DOECAP prometon and sulfolane certifications. The hold flag on the prometon and sulfolane results within EIM was not removed. As a result, the data were held within EIM and not included in the data pull for this report.

All wells scheduled to be analyzed for prometon and sulfolane were successfully sampled and analyzed with the exception of MCOI-5, R-70 Screen 1 (S1), and R-70 Screen 2 (S2). MCOI-5 will be added to the deviation table (same as comment 1a, 1b, and 2). R-70 S1 and R-70 S2 were canceled because of mechanical issues and are listed in Table 2.1-1 as a deviation.

R-61 Screen 1 (S1) was sampled on November 20, 2019, and analyzed on December 30, 2019. These data were not held and are included in the report.

Appendix C will be revised to include the prometon and sulfolane data that were previously held within EIM as part of Revision 1 of the periodic monitoring report.

4.c. Low-level tritium results for the fourth quarter of MY 2019 and for the first quarter of MY 2020 for the chromium interim measures monitoring wells were incorrectly coded as "screening" for the analytical laboratory quality control (QC) reporting option, and therefore were not included as part of the periodic monitoring report (PMR).

The laboratory QC reporting option has been corrected to "standard." Appendix C will be revised to include the low-level tritium results as part of Revision 1 of the periodic monitoring report.

4.d. Low-level tritium results for SCI-1, R-1, R-13, and R-15 were incorrectly coded as "screening" for the laboratory QC reporting option and therefore were not included as part of the PMR.

The laboratory QC reporting option has been corrected to "standard." Appendix C will be revised to include the low-level tritium results as part of Revision 1 of the periodic monitoring report.

October 2020
EM2020-0517

2020 Annual Periodic Monitoring Report for the Chromium Investigation Monitoring Group, Mortandad Canyon and Sandia Canyon Watersheds, Revision 1

N3B Los Alamos

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

EM2020-0517

2020 Annual Periodic Monitoring Report for the Chromium Investigation Monitoring Group, Mortandad Canyon and Sandia Canyon Watersheds, Revision 1

October 2020

Responsible program director:

Printed Name	Signature	Title	Organization	Date
Steve Veenis	Steve Veenis	T2S Program Director	Water Program	10/15/20

Responsible N3B representative:

Printed Name	Signature	Title	Organization	Date
Kim Lebak	Kimberly D Lebak	Program Manager	N3B Environmental Remediation Program	10/15/20

Responsible DOE EM-LA representative:

Printed Name	Signature	Title	Organization
Arturo Q. Duran	DAVID NICKLESS Digitally signed by DAVID NICKLESS Date: 2020.10.23 15:54:54 -06'00'	Compliance and Permitting Manager	Office of Quality and Regulatory Compliance

EXECUTIVE SUMMARY

This annual periodic monitoring report (PMR) presents results for the Chromium Investigation monitoring group of the Newport News Nuclear BWXT-Los Alamos, LLC, groundwater monitoring program that have not been previously reported. All monitoring work reported in this PMR was conducted pursuant to the "Interim Facility-Wide Groundwater Monitoring Plan for the 2019 Monitoring Year, October 2018–September 2019" (hereafter referred to as the 2019 IFGMP) and the "Interim Facility-Wide Groundwater Monitoring Plan for the 2020 Monitoring Year, October 2019–September 2020" (hereafter referred to as the 2020 IFGMP), both prepared in accordance with the Compliance Order on Consent.

All active monitoring locations in the Chromium Investigation monitoring group are located within the Mortandad Canyon and Sandia Canyon watersheds. The Chromium Investigation monitoring group includes the monitoring of groundwater well and well screen locations; there are no base-flow monitoring locations in this monitoring group.

This PMR presents monitoring results for four quarterly periodic monitoring events (PMEs) conducted during the second, third, and fourth quarters of monitoring year (MY) 2019 and the first quarter of MY 2020, as well as an additional six monthly PMEs conducted during the second, third, and fourth quarters of MY 2019. In addition to results from these PMEs, results are reported for the previous four PMEs, as well as earlier Chromium Investigation monitoring group PMEs that have not yet been reported because the validated laboratory data were not available at the time of the previous Chromium Investigation PMR publications.

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

A total of 44 groundwater analytical results reported in this PMR were detected above applicable screening values.

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

Plate

Plate 1 Groundwater elevations

Acronyms and Abbreviations

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

PEB	performance evaluation blank
PFAS	per- and polyfluoroalkyl substances
PME	periodic monitoring event
PMR	periodic monitoring report
QA	quality assurance
QC	quality control
RLWTF	Radioactive Liquid Waste Treatment Facility
SIM	selected ion monitoring
SOP	standard operating procedure
SU	standard unit
SVOC	semivolatile organic compound
SWMU	solid waste management unit
TA	technical area
TDS	total dissolved solids
UF	unfiltered
UIL	University of Illinois, Urbana-Champaign
VOC	volatile organic compound
WCSF	waste characterization strategy form
Y	yes (best value flag code)

1.0 INTRODUCTION

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

Watershed	PMEs Reported in this PMR		PME Field Sampling	
	Monitoring Year	Quarter	Begin	End
Mortandad/Sandia	2019	2	01/09/2019[a]	01/26/2019
			02/11/2019[b]	02/21/2019
			03/14/2019[b]	03/22/2019
		3	04/16/2019[b]	04/30/2019
			05/08/2019[a]	05/21/2019
			06/06/2019[b]	06/18/2019
		4	07/09/2019[a]	07/26/2019
			08/13/2019[b]	08/27/2019
			09/12/2019[b]	09/26/2019
	2020	1	11/05/2019[a]	11/20/2019

[a] Quarterly sampling event.

[b] Monthly sampling event.

The annual Chromium Investigation monitoring group PMR is submitted to the New Mexico Environment Department (NMED) every May. This PMR includes results from the Chromium Investigation monitoring group PMEs performed through the first quarter of the 2020 monitoring year. This PMR presents monitoring results for four quarterly PMEs conducted during the second, third, and fourth quarters of the 2019 monitoring year and the first quarter of the 2020 monitoring year, as well as an additional six monthly PMEs conducted during the second, third and fourth quarters of the 2019 monitoring year. In addition to results from the PMEs listed in the table above, results are reported for the previous four PMEs, as well as earlier Chromium Investigation monitoring group PMEs that have not yet been reported because the validated laboratory data were not available at the time of the previous Chromium Investigation PMR publications.

The PMEs reported in this PMR included sampling of groundwater wells pursuant to the “Interim Facility-Wide Groundwater Monitoring Plan for the 2019 Monitoring Year, October 2018–September 2019” (hereafter referred to as the 2019 IFGMP) (N3B 2018, 700000) and the “Interim Facility-Wide Groundwater Monitoring Plan for the 2020 Monitoring Year, October 2019–September 2020” (hereafter referred to as the 2020 IFGMP) (N3B 2019, 700451), both prepared in accordance with the 2016 Compliance Order on Consent (the Consent Order).

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

This report presents the following information:

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

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

1.1 Background

The Chromium Investigation monitoring group is located in Sandia Canyon and Mortandad Canyon watersheds. Monitoring focuses on the characterization, fate, and transport of chromium contamination in perched-intermediate groundwater and within the regional aquifer. The distribution of wells in the monitoring group also addresses historical releases from Outfall 051, which discharges from the Radioactive Liquid Waste Treatment Facility (RLWTF) in the Mortandad Canyon watershed. Perennial stream flow and saturated alluvial groundwater conditions occur in the upper and middle portions of the canyon system because sanitary wastewater and cooling tower effluent discharge to the canyon from operating facilities, and is believed to be the main source of contamination. Effluent discharge was suspended from 2011 to June 2019 because of process changes at the RLWTF.

Sandia Canyon is located on Los Alamos National Laboratory (LANL or the Laboratory) property within Technical Area 03 (TA-03) at an elevation of approximately 7300 ft above mean sea level (amsl) and trends east-southeast across the Laboratory, Bandelier National Monument, and San Ildefonso Pueblo. Sandia Canyon empties into the Rio Grande in White Rock Canyon at an elevation of 5450 ft amsl. The area of the Sandia Canyon watershed is approximately 5.5 mi^2. Perennial stream flow and saturated alluvial groundwater conditions occur in the upper and middle portions of the canyon system because sanitary wastewater and cooling tower effluent discharge to the canyon from operating facilities, and is believed to be the main source of contamination. A wetland of approximately 7 acres has developed as a result of the effluent discharge. The only known perennial spring in the watershed (Sandia Spring) is located in lower Sandia Canyon near the Rio Grande. Technical areas located in the Sandia Canyon watershed are TA-03, TA-53, TA-60, TA-61, TA-72, and former TA-20. A total of 261 solid waste management units (SWMUs) and areas of concern (AOCs) are located within the portions of these TAs in the Sandia Canyon watershed; 179 of the SMWUs and AOCs are located in Upper Sandia Canyon Aggregate Area, and 82 SMWUs and AOCs are located in Lower Sandia Canyon Aggregate Area.

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

the Mortandad Canyon watershed; 119 of the SMWUs and AOCs are located within Upper Mortandad Canyon Aggregate Area, 132 SMWUs and AOCs are located in Middle Mortandad/Ten-Site Canyons Aggregate Area, and 6 SMWUs and AOCs are located in Lower Mortandad/Cedro Canyons Aggregate Area.

For wells reported in this PMR, Sandia Canyon chromium concentrations exceed the 50-µg/L NMWQCC groundwater standard in intermediate well SCI-2 and regional aquifer well R-43 screen 1. In Mortandad Canyon, chromium concentrations exceed the 50-µg/L NMWQCC groundwater standard in intermediate well MCOI-6 and regional aquifer wells R-50 screen 1 and R-62. The primary source of chromium is chromium-contaminated water discharged from the TA-03 power plant cooling tower from 1956 to 1972.

For wells reported in this PMR, perchlorate exceeds the 13.8-µg/L NMWQCC groundwater standard in Mortandad Canyon intermediate wells MCOI-5 and MCOI-6, and regional well R-61 screen 1, the primary source of which is effluent discharged from the TA-50 RLWTF. Other constituents detected above background in wells in the Chromium Investigation monitoring group include nitrate and tritium. A conceptual model for the sources and distribution of these contaminants is presented in the “Investigation Report for Sandia Canyon” (LANL 2009, 107453) and the “Phase II Investigation Report for Sandia Canyon” (LANL 2012, 228624).

The conceptual model hypothesizes that chromium and other contaminants originate from releases into the headwaters of Sandia Canyon, were transported by surface water to infiltration sites downcanyon, migrated through the vadose zone with lateral migration pathways that moved contamination to locations beneath Mortandad Canyon, and contaminated the regional aquifer. For this reason, perched-intermediate and regional wells beneath Sandia and Mortandad Canyon are included in the Chromium Investigation monitoring group. These sources and the migration pathways are described in the “Investigation Report for Sandia Canyon” (LANL 2009, 107453) and the “Phase II Investigation Report for Sandia Canyon” (LANL 2012, 228624).

2.0 SCOPE OF ACTIVITIES

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

Groundwater samples collected during the PMEs were analyzed for all or some of the following analytical groups as specified in the 2019 IFGMP (N3B 2018, 700000) and 2020 IFGMP (N3B 2020, 700451): metals; radionuclides; tritium and low-level tritium; semivolatile organic compounds (SVOCs); volatile organic compounds (VOCs); general inorganic chemicals (including perchlorate); polychlorinated biphenyls; low-level 1,4-dioxane; low-level nitrosamines; and per- and polyfluoroalkyl substances (PFAS). The same samples were also analyzed for field parameters including dissolved oxygen, flow (in gallons per minute), oxidation-reduction potential, pH, specific conductance, temperature, and turbidity.

Purge water is managed and characterized in accordance with the relevant version of the waste characterization strategy form (WCSF) “WCSF–Interim Facility-Wide Groundwater Monitoring” (LANL 2016, 601812). Purge water is stored until characterization is complete, and if requirements are met, the purge water can be land applied in accordance with the standard operating procedure (SOP) “Land Application of Groundwater” (N3B-EPC-CP-QP-010 Rev 4) and standing order “Land Application of Groundwater” (N3B-SO-ER-0003), which implements the NMED-approved decision tree for land application of drilling, development, rehabilitation, and purge water. Purge water has been consolidated for

off-site disposal because of new regulatory requirements for chemicals that were not analyzed at the time of sampling. Purge water will be land applied if all land application crtieria are met.

Table 2.0-1 provides the location name and watershed; the monitoring year and quarter of the sampling event; the sample collection date; the well screened interval and top and bottom screen depths; and the casing volume, purge volume, and purge or flow rate for each sampling event. Figure 2.0-1 is a Chromium Investigation monitoring group vicinity map. Monitoring locations are shown in Figure 2.0-2.

2.1 Deviations from Planned Scope

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

3.0 REGULATORY CRITERIA

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

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

- For each individual substance, the lower concentration of the NMWQCC groundwater standard or the EPA MCL is used as the screening value.
- If an NMWQCC groundwater standard or an EPA MCL has not been established for a specific substance for which toxicological information is published, the NMED screening level for tap water is used as the groundwater screening value. NMED screening levels are established for either a cancer- or noncancer-risk type; for the cancer-risk type, screening levels are based on a 10^{-5} excess cancer risk. This report was prepared using the 2019 NMED Risk Assessment Guidance for Site Investigations and Remediation (NMED 2019, 700550).
- If the NMED screening level for tap water has not been established for a specific substance for which toxicological information is published, the EPA regional screening level for tap water is used as the groundwater screening value. The EPA screening levels are established for either a cancer- or noncancer-risk type. For the cancer-risk type, the Consent Order specifies screening at a 10^{-5} excess cancer risk. The EPA screening levels for tap water are at 10^{-6} excess cancer risk; therefore, 10 times the EPA 10^{-6} screening levels are used in the screening process. This report was prepared using the November 2019 EPA regional screening levels for tap water (http://www.epa.gov/risk/risk-based-screening-table-generic-tables).
- The NMWQCC groundwater standards apply to the dissolved (filtered) portion of specified contaminants; however, the standards for mercury, organic compounds, and nonaqueous-phase liquids apply to the total unfiltered concentrations of the contaminants. For this report, EPA MCLs are applied to both filtered and unfiltered sample results.
- Base-flow monitoring locations are assigned to one of two screening categories based upon the hydrology of the water body being monitored—perennial or intermittent-ephemeral. This category, along with a hardness value, determines the screening values used for data at each monitoring location. Hardness-dependent screening values used to screen data at each base-flow monitoring location are determined from the 20.6.4.900 New Mexico Administrative Code (NMAC)

"Water Quality Standards for Interstate and Intrastate Surface Waters." Hardness-dependent acute and hardness-dependent chronic aquatic life criteria for metals are calculated using the hardness-dependent equations in accordance with the requirements of 20.6.4.900.I NMAC. Hardness-dependent acute and hardness-dependent chronic criteria were used for total recoverable aluminum and dissolved cadmium, chromium, copper, lead, manganese, nickel, silver, and zinc in accordance with the requirements therein.

4.0 MONITORING RESULTS

4.1 Methods and Procedures

All methods and procedures used to perform the field activities associated with the data reported in this PMR are documented in the 2019 IFGMP (N3B 2018, 700000) and 2020 IFGMP (N3B 2019, 700451).

4.2 Comparison of Target Analytes and Method Detection Limits

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

4.3 Field Parameter Results

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

4.4 Groundwater Elevations

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

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

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

Data gaps exist at the following locations:

- MCA-9, MCO-9, and MCO-12 are alluvial water level monitoring wells to meet the Discharge Permit 1793 requirement to monitor historically dry wells for verification that land application of wastewater does not result in local saturation. MCA-9 had water in the sump and data collected here is therefore not considered valid because this water is not groundwater. MCO-9 and MCO-12 were dry during the PMEs reported in this PMR.
- MCOI-4 has intermittent water levels; at times water levels are in the sump.
- R-11 had a data gap in 2017; no transducer was installed.
- SCI-1 had a data gap in 2016; no pump was installed.

Groundwater-elevation data from the end of the previous PME and through the end of the PMEs in this report are presented in Appendix B (on CD included with this document), and include all continuous groundwater-elevation data.

Groundwater-elevation measurements are shown graphically on Plate 1. For wells equipped with transducers, the reported groundwater elevation was the first measurement taken each day. Figure 4.4-1 shows the elevation of the regional groundwater surface and flow directions. No perched-intermediate groundwater contours are shown; however, all groundwater-elevation data for locations with transducers are reported in Appendix B and on Plate 1.

5.0 ANALYTICAL DATA RESULTS

5.1 Methods and Procedures

All methods and procedures used to perform PME analytical activities are documented in the 2019 IFGMP (N3B 2018, 700000) and 2020 IFGMP (N3B 2019, 700451).

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

- “WCSF–Interim Facility-Wide Groundwater Monitoring” (N3B-EP2016-0117)
- “Groundwater Sampling” (N3B-SOP-ER-3003)
- “Groundwater Sampling” (IWD-TPMC-LA-16-049)
- “Wireless Connect/Non-connected Component Plan – Standalone Wireless System Name: Groundwater Monitoring Well Data Acquisition System” (N3B-SD-016-CP-032/L2)
- “Locus Mobile Application for Groundwater Data Collection” (N3B-SOP-ER-20324)
- “Groundwater Sampling and Sample Preservation” (N3B-ER-IWD-20088)
- “Manual Groundwater Level Measurements” (N3B-SOP-ER-3001)
- “Groundwater Level Data Processing, Review, and Validation” (N3B-SOP-ER-3004)
- “Validation of Volatile Organic Compound Analytical Data” (N3B-ER-AP-20309)
- “Validation of Semivolatile Organic Compound Analytical Data” (N3B-ER-AP-20310)
- “Validation of LC-MS/MS High Explosive Analytical Data” (N3B-ER-AP-20316)
- “Validation of Organochlorine Pesticide and Polychlorinated Biphenyl Analytical Data” (N3B-ER-AP-20311)

- "Validation of Metals and Cyanide Analytical Data" (N3B-ER-AP-20313)
- "Validation of Gamma Spectroscopy, Chemical Separation Alpha Spectrometry, Gas Proportional Counting, and Liquid Scintillation Analytical Data" (N3B-ER-AP-20314)
- "Validation of General Chemistry Analytical Data" (N3B-ER-AP-20315)
- "Validation of Dioxin and Furan Analytical Data" (N3B-ER-AP-20317)
- "Validation of LC-MS/MS Perchlorate Analytical Data" (N3B-ER-AP-20320)

Samples to be collected are planned using 2019 IFGMP and 2020 IFGMP Tables 1.7-2, 1.8-1, 1.9-1, 1.11-1, and 2.4-1 through 8.3-1 (N3B 2018, 700000; N3B 2019, 700451). Sample plans include additional field collection, transportation, and field QA/QC criteria as identified in the N3B and project data quality objectives and in the Consent Order. A sample collection log is created and printed to serve as a chain-of-custody (COC) document and an analytical request form.

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

FBs consist of deionized water from the Storm Water Processing Facility that is subjected to the same conditions as regular samples. FBs are collected at a minimum frequency of 10% of all samples, and are collected from locations where regular samples for all constituents are collected. FBs are analyzed for the same suites of analytes except for high explosives compounds. Detection of analytes in FBs may indicate contamination of the deionized water source, the sample bottles, or contamination from sampling methods, transportation, or the analytical laboratory.

EQBs are used to detect any contamination resulting from contaminated equipment or poor decontamination techniques. The EQB is prepared by passing deionized water through unused or decontaminated sampling equipment. EQBs are collected before a well is sampled when necessary.

PEBs are deionized water blanks from the Storm Water Processing Facility submitted as regular samples without any indication they are QA/QC samples. PEBs are used to evaluate contamination from sample, transportation, and analytical processes. One PEB is collected per sampling campaign and analyzed for total organic carbon and for the full suite of constituents analyzed during the sampling campaign.

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

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

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

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

N3B data validation is performed externally from the analytical laboratory and end users of the data and this data validation process applies a defined set of performance-based criteria to analytical data that may result in qualification of that data. Data validation provides a level of assurance, based on this technical evaluation, of the data quality. N3B validation of chemistry data includes a technical review of the analytical data package, covering the evaluation of both field and laboratory QC samples, the identification and quantitation of analytes, and the effect of QC deficiencies on analytical data, as well as other factors affecting the data quality.

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

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

5.2 Analytical Data

Appendix C presents the analytical data for the PMEs reported in this PMR and from the previous four sampling events. The data were reviewed for conformance with regulatory and N3B requirements, and are reported as follows:

- For all data:
  - FD results, reanalysis results, and results of the same analytes from the same sample analyzed by different analytical methods are reported.
  - Data that are R-qualified (data that were rejected because of analytical problems and/or noncompliance with QA/QC criteria during independent validation, and which are unusable) are still reported.
  - Laboratory QA/QC results, FTB data, and FB data are not included in the data set.
  - Analytes used as tracers for conceptual models are not reported.
  - Watch list data in which water-quality data for certain constituents are not representative or are of questionable representativeness are not reported. The watch list includes deep well screens for which field parameters during purging consistently fail to meet stability criteria as well as the deep well screens that show anomalous chemistry data.
  - All results are reported at all locations.

- For radionuclide data:
  - Constituents analyzed and reported for the gamma spectroscopy suite include cesium-137, cobalt-60, neptunium-237, potassium-40, and sodium-22.
  - Americium-241 and uranium-235 data from chemical separation alpha spectroscopy are reported. No gamma spectroscopy results for these analytes are presented.
  - All results are reported at all locations.

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

The analytical results for radionuclides and radioactivity are voluntarily compared with the DOE Biota Concentration Guides (DOE 2002, 085637) for surface water and the Derived Concentration Technical Standard (DOE 2011, 600493) for groundwater but are not reported in Table 5.2-1 or Appendix D.

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

Table 5.2-1 provides groundwater analytical results for specific analytical suites detected above screening values when applicable. Multiple detections are included except for FD exceedances. For example, if aluminum was detected above the screening value in both a primary sample and a FD, only the primary sample result would be recorded. If aluminum was detected above the screening value in any primary samples, all results would be shown. Forty-four groundwater analytical results reported in this PMR were detected above applicable screening values and are presented in Table 5.2-1.

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

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

5.2.1 Surface Water (Base Flow)

There are no base-flow monitoring locations included within the Chromium Investigation monitoring group.

5.2.2 Groundwater

Table 5.2-1 shows that 44 groundwater analytical results reported in this PMR were above applicable screening values. These 44 screening-value exceedances involve the following five analytes: chromium (filtered), 1,4-dioxane (unfiltered), nitrate-nitrite as nitrogen (filtered), perchlorate (filtered), and fluoride (filtered). The following section details when and where these exceedances were detected. Figure 5.2-1 shows chromium exceedances, Figure 5.2-2 shows 1,4-dioxane exceedances, Figure 5.2-3 shows nitrate-nitrite as nitrogen exceedances and Figure 5.2-4 shows perchlorate exceedances.

5.2.2.1 Perched-Intermediate Monitoring Wells

MCOI-5

At MCOI-5, chromium concentrations did not exceed the NMWQCC groundwater standard during the PMEs reported in this PMR. Historically, since 2006, chromium concentrations at MCOI-5 have ranged from non-detection (ND) to 218.0 µg/L.

At MCOI-5, 1,4-dioxane concentrations were detected over the NMED tap water screening level (screening value) of 4.59 µg/L during the May 8, 2019, sampling event with a concentration of 22.9 µg/L. Historically, from 2012 to 2018, 1,4-dioxane concentrations at MCOI-5 have ranged from 4.45 µg/L to 27.9 µg/L.

At MCOI-5, nitrate-nitrite as nitrogen concentrations were detected above the EPA MCL screening value of 10 mg/L during the January 11, 2019; May 8, 2019; and July 24, 2019, sampling events with the respective concentrations of 14.0 mg/L, 12.5 mg/L, and 11.6 mg/L. Previously, from August 2009 to May 2018, nitrate-nitrite as nitrogen concentrations at MCOI-5 have ranged from 3.63 mg/L to 16.8 mg/L.

At MCOI-5, perchlorate concentrations were detected above the NMED tap water screening level of 13.8 µg/L during the January 11, 2019; May 8, 2019; and July 24, 2019, sampling events with the respective concentrations of 213.0 µg/L, 170.0 µg/L, and 151.0 µg/L. From June 2012 to July 2018, perchlorate concentrations at MCOI-5 have ranged from 68.7 µg/L to 239 µg/L.

MCOI-6

At MCOI-6, chromium concentrations were detected above the NMWQCC groundwater standard of 50 µg/L during the January 9, 2019; May 13, 2019; July 23, 2019; and November 14, 2019, sampling events with the respective concentrations of 68.2 µg/L, 64.6 µg/L, 63.7 µg/L, and 66.5 µg/L. From February 2009 to November 2016, these concentrations have ranged from 40.9 µg/L to 86.6 µg/L.

At MCOI-6, 1,4-dioxane concentrations were detected over the NMED tap water screening level (screening value) of 4.59 µg/L during the May 13, 2019, and November 14, 2019, sampling events with the respective concentrations of 10.1 µg/L and 12.1 µg/L using the SVOC analysis. A concentration of 28.3 µg/L for the November 14, 2019, event was obtained using a low-level selected ion monitoring (SIM) method, and had a 4× dilution factor. This is the first year that the low-level method was used, and focused validation is ongoing. Historically, from May 2015 to November 2019, 1,4-dioxane concentrations at MCOI-6 have ranged from 7.39 µg/L to 28.3 µg/L.

At MCOI-6, nitrate-nitrite as nitrogen concentrations were detected above the EPA MCL screening value of 10 mg/L during the January 9, 2019; May 13, 2019; July 23, 2019; and November 14, 2019, sampling events with the respective concentrations of 12.8 mg/L, 11.1 mg/L, 12.4 mg/L, and 11.4 mg/L. From February 2013 to February 2009, nitrate-nitrite as nitrogen concentrations at MCOI-6 have ranged from 7.62 mg/L to 15.1 mg/L.

At MCOI-6, perchlorate concentrations were detected above the NMED tap water screening level of 13.8 µg/L during the January 9, 2019; May 13, 2019; July 23, 2019; and November 14, 2019, sampling events with the respective concentrations of 109.0 µg/L, 93.6 µg/L, 86.1 µg/L, and 94.9 µg/L. From February 2013 to November 2018, perchlorate concentrations at MCOI-6 have ranged from 56.3 µg/L to 124 µg/L.

SCI-2

At SCI-2, chromium concentrations were detected above the NMWQCC groundwater standard of 50 µg/L during the January 16, 2019; May 14, 2019; July 12, 2019; and the November 15, 2019, sampling events with the respective concentrations of 300.0 µg/L, 265.0 µg/L, 276.0 µg/L, and 268.0 µg/L. Historically from May 2009 to May 2019, chromium concentrations detected at SCI-2 range from 265.0 µg/L to 658.0 µg/L.

At SCI-2, 1,4-dioxane; nitrate-nitrite as nitrogen; and perchlorate concentrations did not exceed screening values during the PMEs reported in this PMR. Previous results from 2008 to 2018 show that these analytes have not exceeded screening values.

5.2.2.2 Regional Monitoring Wells

R-11

At R-11, fluoride concentrations were detected above the NMWQCC groundwater standard of 1.6 mg/L during the July 11, 2019, sampling event with a concentration of 3.02 mg/L. Previously, from August 2009 to June 2019, fluoride concentrations at R-11 have ranged from nondetection to 0.58 mg/L.

R-43 Screen 1

At R-43 screen 1, chromium concentrations were detected above the NMWQCC groundwater standard of 50 µg/L during the January 18, 2019; May 10, 2019; July 11, 2019; and November 14, 2019, sampling events with the respective concentrations of 199.0 µg/L, 197.0 µg/L, 205.0 µg/L, 222.0 µg/L, and 223.0 µg/L (FD). From June 2009 to November 2019, these concentrations have ranged from 2.35 µg/L to 223 µg/L.

Dioxane[1,4], nitrate-nitrite as nitrogen, and perchlorate concentrations were not detected at R-43 screen 1 above their respective screening values and historically have not exceeded their screening values.

R-50 Screen 1

At R-50 screen 1, chromium concentrations were detected above the NMWQCC groundwater standard of 50 µg/L during the January 15, 2019; February 20, 2019; March 14, 2019; April 29, 2019; May 9, 2019; July 17, 2019; and August 22, 2019, sampling events with the respective concentrations of 76.3 µg/L, 63.7 µg/L, 61.9 µg/L, 52.6 µg/L, 51.2 µg/L, 54.9 µg/L, and 57.4 µg/L. Historically, from May 2010 to October 2017, these concentrations have ranged from 40.5 µg/L to 150 µg/L.

Dioxane[1,4], nitrate-nitrite as nitrogen, and perchlorate concentrations were not detected at R-50 screen 1 above their respective screening values and historically have not exceeded their screening values.

R-61 Screen 1

At R-61 screen 1, perchlorate concentrations were detected above the NMED tap water screening level of 13.8 µg/L during the January 8, 2019, sampling event with a concentration of 15.7 µg/L. Historically, from August 2011 to September 2018, the perchlorate concentration has ranged from 2.96 to 16.2 µg/L.

At R-61 screen 1, chromium; 1,4-dioxane; and nitrate-nitrite as nitrogen concentrations were not detected above their screening values during the PMEs reported in this PMR.

R-62

At R-62, chromium concentrations were detected above the NMWQCC groundwater standard of 50 µg/L during the January 23, 2019; May 14, 2019; July 26, 2019; and November 12, 2019, sampling events with the respective concentrations of 311.0 µg/L, 284.0 µg/L, 270.0 µg/L, and 287.0 µg/L. Since 2012, the previous concentrations have ranged from 104 µg/L to 260 µg/L.

At R-62, 1,4-dioxane; nitrate-nitrite as nitrogen; and perchlorate concentrations were not detected above their screening values and historically have not exceeded the screening values.

5.3 Sampling Program Modifications

Starting in monitoring year 2020, tracer sampling and monthly sampling are now sampled and reported under the Semiannual Progress Report on Chromium Plume Control Interim Measure Performance.

Dioxane[1,4-] was sampled as part of the SVOC analytical suite in the 2019 IFGMP (N3B 2018, 700000). As part of the 2020 IFGMP, 1,4-dioxane was sampled using the SVOC analytical method, and at the request of NMED, the low-level SIM method to achieve greater resolution for the analyte (N3B 2019, 700451).

Annual PFAS, prometon, and sulfolane sampling were added in the 2020 IFGMP (N3B 2019, 700451) to reflect requirements for toxic pollutants under 20.6.2 NMAC. Additionally, nitrosamine samples were analyzed at a lower MDL in the 2020 IFGMP at the request of NMED.

In 2017, R-28 and R-42 were removed from the chromium investigation monitoring group, and repurposed to support the interim measure investigations and plume-center characterization.

6.0 SUMMARY AND INTERPRETATIONS

6.1 Monitoring Results

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

6.2 Analytical Results

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

6.2.1 Surface Water (Base Flow)

There are no base-flow monitoring locations included within the Chromium Investigation monitoring group.

6.2.2 Groundwater

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

6.2.2.1 Perched-Intermediate Monitoring Wells

The MCOI-6 1,4-dioxane concentration of 28.3 µg/L collected on November 14, 2019, was the highest observed to date. The previous maximum concentration was 23.2 µg/L.

The SCI-2 filtered chromium concentration of 265 µg/L collected on May 14, 2019, was the lowest observed to date. The previous minimum concentration was 294 µg/L.

6.2.2.2 Regional Monitoring Wells

The R-11 fluoride concentration of 3.02 mg/L collected on July 11, 2019, was the highest concentration to date. The previous maximum concentration was 0.58 mg/L.

The R-43 screen 1 filtered chromium concentration of 223 µg/L collected during the November 14, 2019, sampling event was the highest concentration to date. The previous maximum concentration was 200 µg/L.

The R-50 screen 1 filtered chromium concentration of 40.5 µg/L collected on November 19, 2019, was the lowest concentration to date. The previous minimum concentration was 49.8 µg/L.

The R-62 filtered chromium concentration of 311 µg/L collected on January 23, 2019, was the highest concentration to date. The previous maximum concentration was 277 µg/L.

6.3 Data Gaps

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

6.4 Remediation System Monitoring

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

The IM involves pumping contaminated groundwater from the regional aquifer using extraction wells, treating the water at the surface using ion exchange to reduce the chromium concentrations to values at or below 90% of the groundwater standard (i.e., 45 µg/L) in accordance with Discharge Permit 1793, and reinjecting the treated water into the regional aquifer through a series of injection wells located along the plume periphery. The performance monitoring wells, all of which are ideally located for monitoring the performance of the IM, include R-11, R-35a, R-35b, R-50 screen 1 and screen 2, R-44 screen 1 and screen 2, R-45 screen 1 and screen 2, SIMR-2, and R-61 screen 1.To understand the chromium plume's response to IM actions, these 11 wells were sampled monthly in the 2019 IFGMP (N3B 2018, 700000) during quarters 2, 3 and 4, and reported in the "Semiannual Progress Report on Chromium Plume Control Interim Measure Performance, January–June 2019" (N3B 2019, 700581), in addition to this PMR. R-70 screen 1 and screen 2 will be sampled quarterly to monitor the plume. The monthly chromium monitoring and tracer sampling were removed from the 2020 IFGMP (N3B 2019, 700451). Monthly sampling of these wells for the 2020 monitoring year and associated results continue to be reported under the "Semiannual Progress Report on Chromium Plume Control Interim Measure Performance."

7.0 REFERENCES

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

DOE (U.S. Department of Energy), July 2002. "A Graded Approach for Evaluating Radiation Doses to Aquatic and Terrestrial Biota," DOE Standard No. DOE-STD-1153-2002, U.S. Department of Energy, Washington, D.C. (DOE 2002, 085637)

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

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

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

LANL (Los Alamos National Laboratory), September 2012. "Phase II Investigation Report for Sandia Canyon," Los Alamos National Laboratory document LA-UR-12-24593, Los Alamos, New Mexico. (LANL 2012, 228624)

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

N3B (Newport News Nuclear BWXT-Los Alamos, LLC), May 2018. "Interim Facility-Wide Groundwater Monitoring Plan for the 2019 Monitoring Year, October 2018–September 2019," Newport News Nuclear BWXT-Los Alamos, LLC, document EM2018-0004, Los Alamos, New Mexico. (N3B 2018, 700000)

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

N3B (Newport News Nuclear BWXT-Los Alamos, LLC), September 2019. "Semiannual Progress Report on Chromium Plume Control Interim Measure Performance, January through June 2019," Newport News Nuclear BWXT-Los Alamos, LLC, document EM2019-0230, Los Alamos, New Mexico. (N3B 2019, 700581)

NMED (New Mexico Environment Department), March 2017. "Risk Assessment Guidance for Site Investigations and Remediation, Volume 2, Soil Screening Guidance for Ecological Risk Assessments," Hazardous Waste Bureau and Ground Water Quality Bureau, Santa Fe, New Mexico. (NMED 2017, 602274)

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

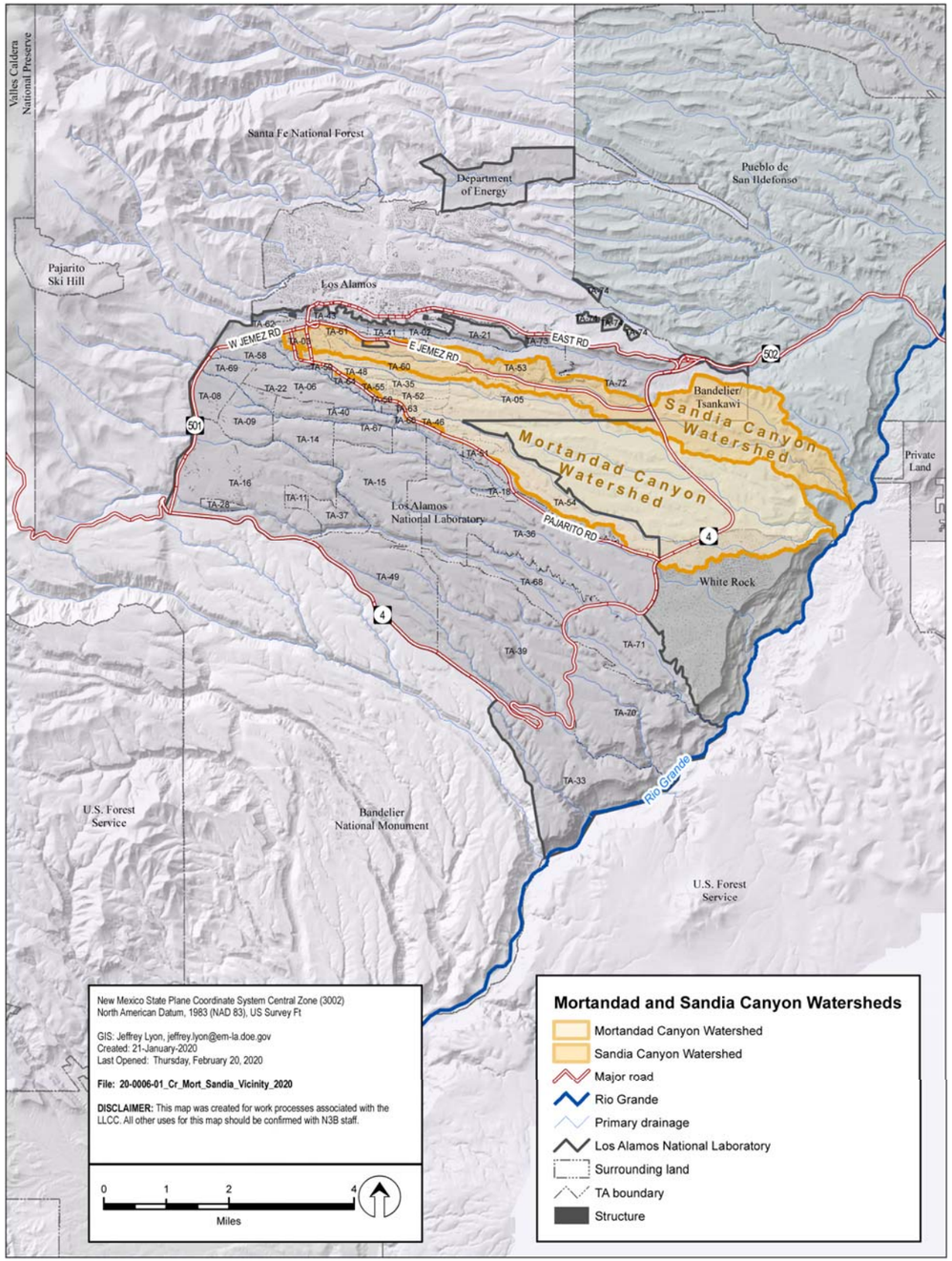

Figure 2.0-1 Chromium Investigation monitoring group vicinity map

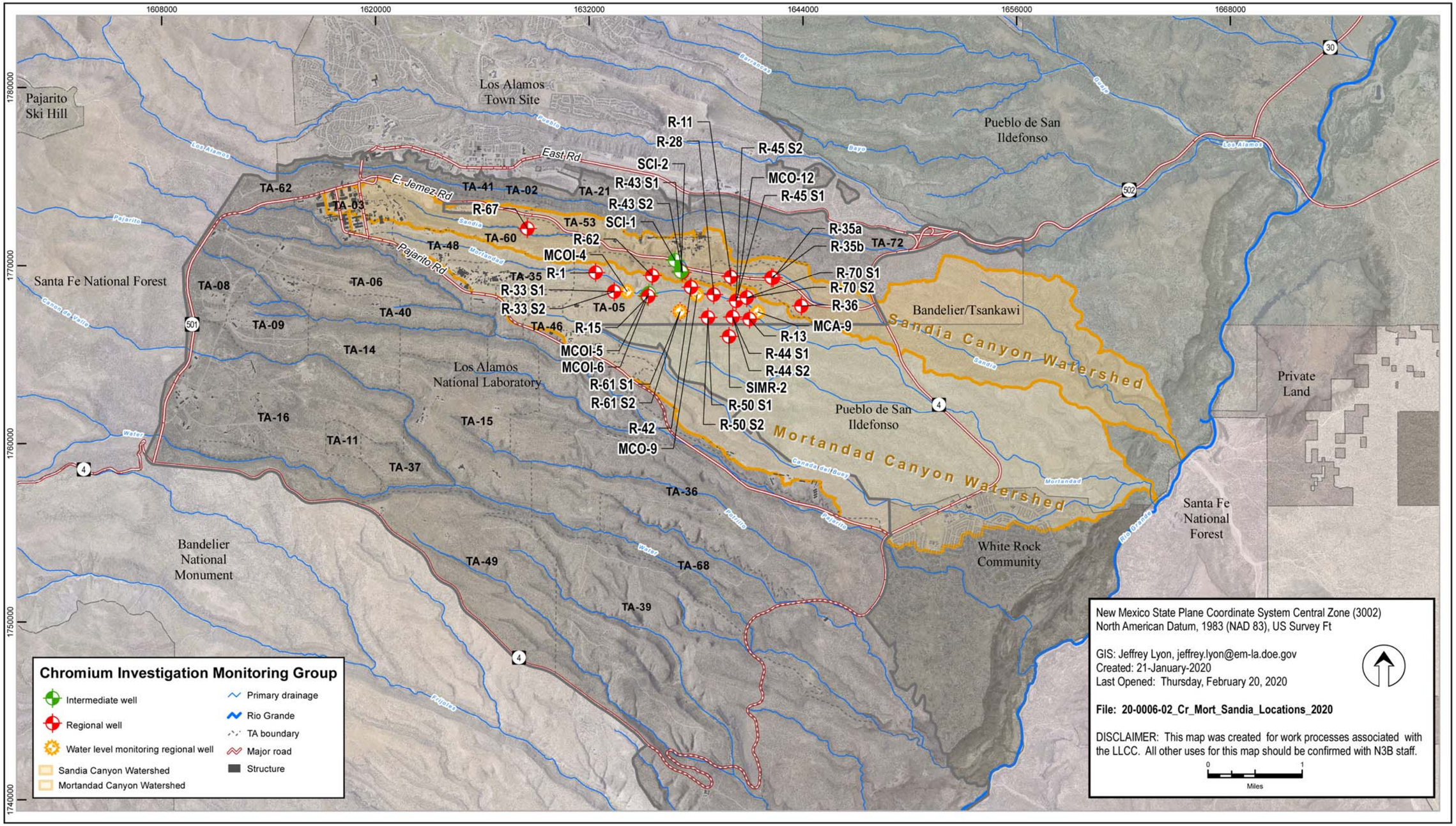

Figure 2.0-2 Chromium Investigation monitoring group well locations (see also Table 2.0-1)

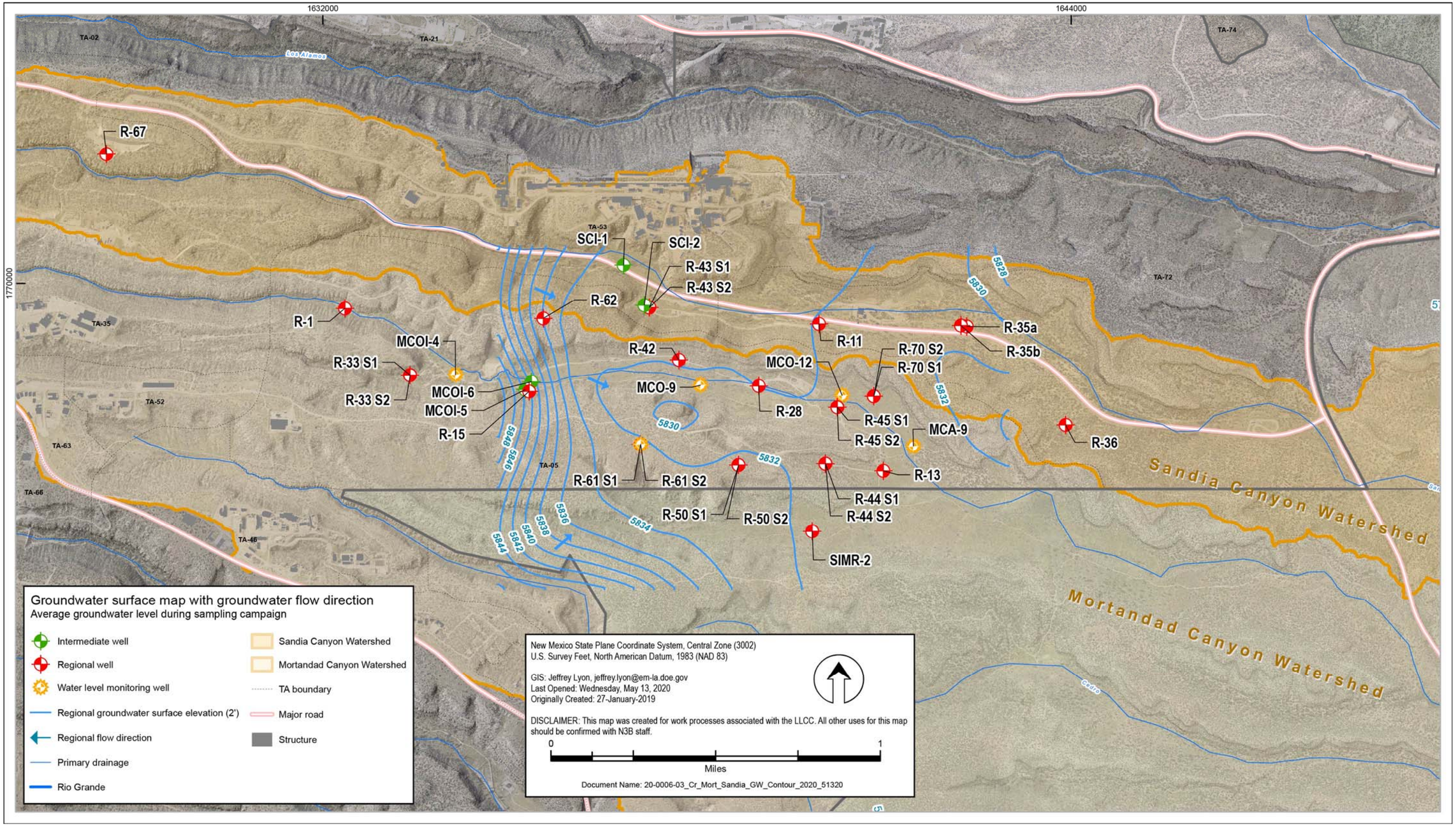

Figure 4.4-1 Regional aquifer water table map with flow direction

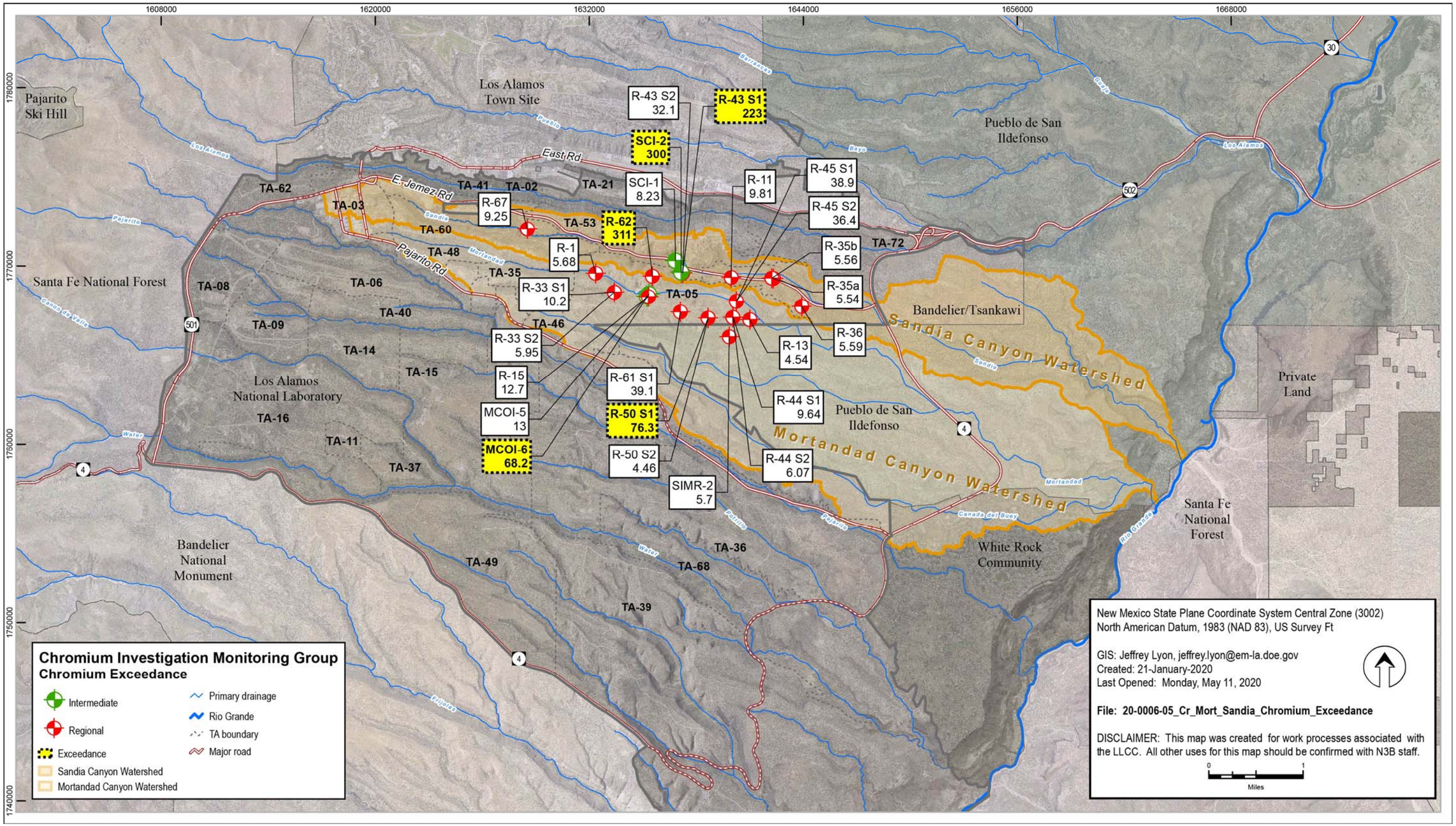

Figure 5.2-1 Chromium Investigation monitoring group filtered maximum chromium concentrations in µg/L. The screening value for groundwater is 50 µg/L.

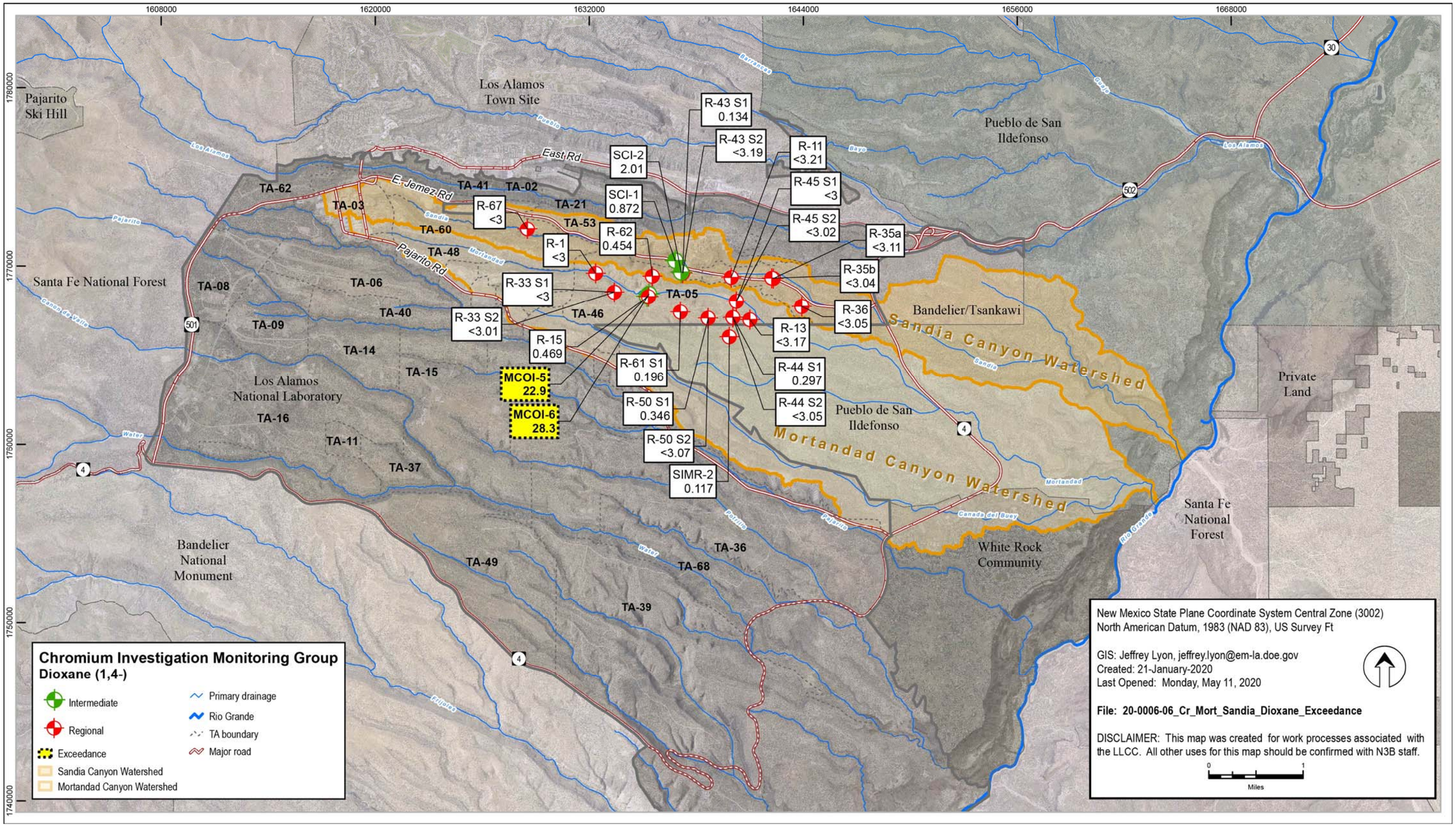

Figure 5.2-2 Chromium Investigation monitoring group unfiltered maximum 1,4-dioxane concentrations in µg/L. The screening value for groundwater is 4.59 µg/L.

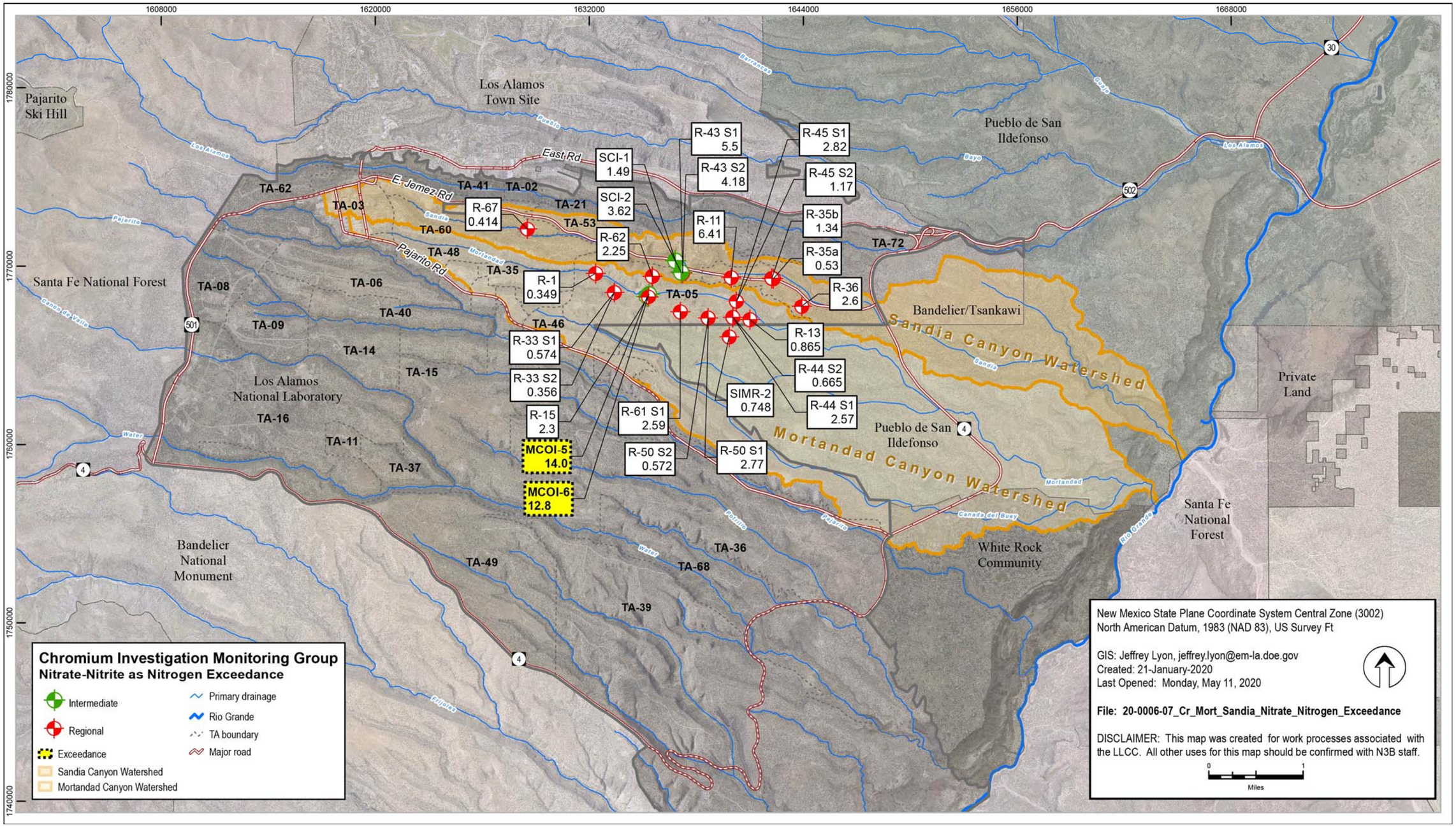

Figure 5.2-3 Chromium Investigation monitoring group filtered maximum nitrate-nitrite (as nitrogen) concentrations in mg/L. The screening value for groundwater is 10 mg/L.

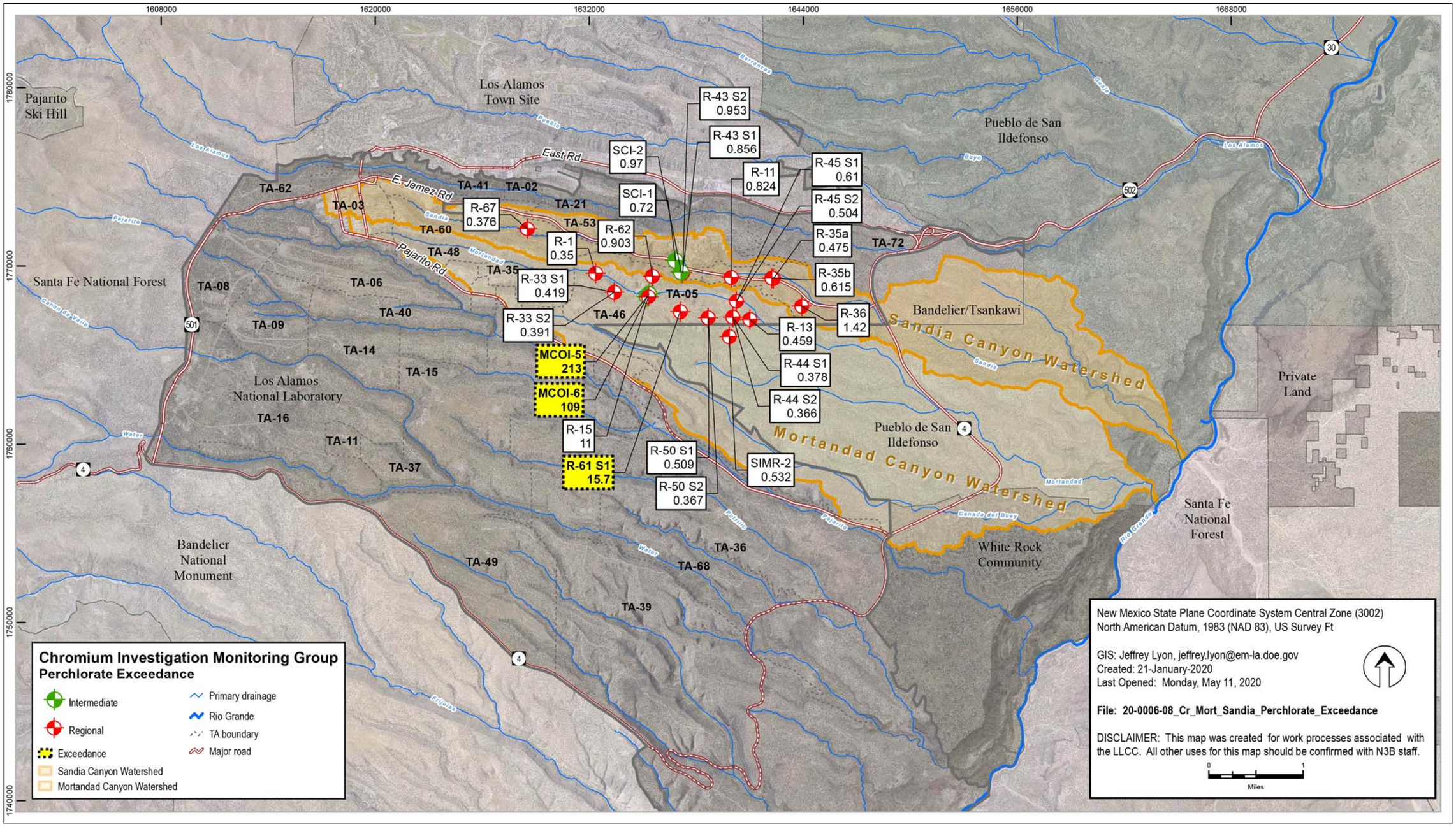

Figure 5.2-4 Chromium Investigation monitoring group filtered maximum perchlorate concentrations in µg/L. The screening value for groundwater is 13.8 µg/L.

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

Location	Watershed	Sampling Event		Sample Collection Date	Screened Interval (ft)	Screen Top Depth (ft)	Screen Bottom Depth (ft)	Calculated Single Casing Volume (gal.)	Purge Volume (gal.)	Purge or Flow Rate (gpm[a])
		Monitoring Year	Quarter							
Perched-Intermediate										
MCOI-5	Mortandad	2019	2	01/11/2019[b]	10.0	689.0	699.0	6.36	7.50	0.30
MCOI-6	Mortandad			01/09/2019[b]	22.3	686.0	708.3	38.25	118.80	1.32
SCI-2	Sandia			01/16/2019[b]	20.0	548.0	568.0	5.22	16.24	0.58
MCOI-5	Mortandad		3	05/08/2019[b]	10.0	689.0	699.0	5.71	6.00	0.10
MCOI-6	Mortandad			05/13/2019[b]	23.3	686.0	708.3	37.57	117.80	1.24
SCI-1[c]	Sandia			05/20/2019[b]	19.5	358.4	377.9	4.39	4.97	0.71
SCI-2	Sandia			05/14/2019[b]	20.0	548.0	568.0	5.18	19.44	1.08
MCOI-5	Mortandad		4	07/24/2019[b]	10.0	689.0	699.0	4.48	8.74	0.13
MCOI-6	Mortandad			07/23/2019[b]	22.3	686.0	708.3	36.30	110.40	1.38
SCI-2	Sandia			07/12/2019[b]	20.0	548.0	568.0	5.06	16.59	0.79
MCOI-5	Mortandad	2020	1	11/13/2019[b]	10.0	689.0	699.0	4.30	4.31	0.07
MCOI-6	Mortandad			11/14/2019[b]	22.3	686.0	708.3	36.03	113.05	1.19
SCI-1	Sandia			11/15/2019[b]	19.5	358.4	377.9	3.67	3.78	0.63
SCI-2	Sandia			11/15/2019[b]	20.0	548.0	568.0	4.94	15.12	0.56
Regional										
R-11	Sandia	2019	2	01/16/2019[b]	22.9	855.0	877.9	49.93	163.35	2.97
R-11	Sandia			02/14/2019[d]	22.9	855.0	877.9	49.96	151.50	3.03
R-11	Sandia			03/21/2019[d]	22.9	855.0	877.9	49.83	156.50	3.13
R-13	Mortandad			01/10/2019[b]	60.4	958.3	1018.7	154.39	465.30	5.17
R-15	Mortandad			01/11/2019[b]	61.7	958.6	1020.3	55.94	213.03	7.89
R-33 S1[e]	Mortandad			01/10/2019[b]	23.0	995.5	1018.5	72.37	223.50	3.19
R-33 S2[f]	Mortandad			01/10/2019[b]	9.9	1112.4	1122.3	40.43	135.00	3.00

Table 2.0-1 (continued)

Location	Watershed	Sampling Event		Sample Collection Date	Screened Interval (ft)	Screen Top Depth (ft)	Screen Bottom Depth (ft)	Calculated Single Casing Volume (gal.)	Purge Volume (gal.)	Purge or Flow Rate (gpm[a])
		Monitoring Year	Quarter							
R-35a	Sandia	2019	2	01/16/2019[b]	49.1	1013.1	1062.2	237.70	716.25	3.75
R-35a	Sandia			02/15/2019[d]	49.1	1013.1	1062.2	239.56	719.95	3.85
R-35a	Sandia			03/20/2019[d]	49.1	1013.1	1062.2	238.35	722.00	3.80
R-35b	Sandia			01/17/2019[b]	23.1	825.4	848.5	65.10	200.85	3.09
R-35b	Sandia			02/21/2019[d]	23.1	825.4	848.5	65.38	209.95	3.23
R-35b	Sandia			03/20/2019[d]	23.1	825.4	848.5	65.01	203.45	3.13
R-36	Sandia			01/18/2019[b]	23.0	766.9	789.9	42.01	133.20	3.33
R-43 S1	Sandia			01/18/2019[b]	20.7	903.9	924.6	62.96	192.00	1.20
R-43 S2	Sandia			01/22/2019[b]	10.0	969.1	979.1	25.50	79.30	1.22
R-44 S1	Mortandad			01/22/2019[b]	10.0	895.0	905.0	54.53	171.60	3.12
R-44 S1	Mortandad			02/11/2019[d]	10.0	895.0	905.0	54.59	166.50	3.33
R-44 S1	Mortandad			03/20/2019[d]	10.0	895.0	905.0	54.02	177.45	3.23
R-44 S2	Mortandad			01/22/2019[b]	9.9	985.3	995.2	76.40	239.25	3.19
R-44 S2	Mortandad			02/11/2019[d]	9.9	985.3	995.2	76.40	239.25	3.19
R-44 S2	Mortandad			03/20/2019[d]	9.9	985.3	995.2	76.40	258.40	3.23
R-45 S1	Mortandad			01/15/2019[b]	10.0	880.0	890.0	49.46	151.65	3.37
R-45 S1	Mortandad			02/12/2019[d]	10.0	880.0	890.0	49.35	149.85	3.33
R-45 S1	Mortandad			03/14/2019[d]	10.0	880.0	890.0	49.43	153.45	3.41
R-45 S2	Mortandad			01/15/2019[b]	20.0	974.9	994.9	91.80	289.85	3.41
R-45 S2	Mortandad			02/12/2019[d]	20.0	974.9	994.9	91.80	283.05	3.33
R-45 S2	Mortandad			03/14/2019[d]	20.0	974.9	994.9	91.80	283.05	3.33
R-50 S1	Mortandad			01/15/2019[b]	10.0	1077.0	1087.0	47.91	151.25	2.75
R-50 S1	Mortandad			02/20/2019[d]	10.0	1077.0	1087.0	48.26	157.80	2.63
R-50 S1	Mortandad			03/14/2019[d]	10.0	1077.0	1087.0	47.90	153.06	2.56

Table 2.0-1 (continued)

Location	Watershed	Sampling Event		Sample Collection Date	Screened Interval (ft)	Screen Top Depth (ft)	Screen Bottom Depth (ft)	Calculated Single Casing Volume (gal.)	Purge Volume (gal.)	Purge or Flow Rate (gpm[a])
		Monitoring Year	Quarter							
R-50 S2	Mortandad	2019	2	01/15/2019[b]	20.6	1185.0	1205.6	96.49	297.00	2.70
R-50 S2	Mortandad			02/20/2019[d]	20.6	1185.0	1205.6	96.49	337.50	2.50
R-50 S2	Mortandad			03/14/2019[d]	20.6	1185.0	1205.6	96.49	341.25	2.73
R-61 S1	Mortandad			01/08/2019[b]	10.0	1125.0	1135.0	56.10	168.84	2.01
R-61 S1	Mortandad			02/21/2019[d]	10.0	1125.0	1135.0	56.69	170.85	2.01
R-61 S1	Mortandad			03/22/2019[d]	10.0	1125.0	1135.0	56.51	170.00	2.00
R-62	Mortandad			01/23/2019[b]	20.7	1158.4	1179.1	41.93	134.8	3.37
R-67	Sandia			01/09/2019[b]	20.4	1242.6	1263.0	43.38	138.75	3.75
SIMR-2	Mortandad			01/17/2019[b]	20.4	885.0	905.4	57.78	178.50	3.57
SIMR-2	Mortandad			02/14/2019[d]	20.4	885.0	905.4	57.94	192.50	3.85
SIMR-2	Mortandad			03/21/2019[d]	20.4	885.0	905.4	57.73	175.05	3.89
R-1	Mortandad		3	05/13/2019[b]	26.3	1031.1	1057.4	60.59	183.15	3.33
R-11	Sandia			04/17/2019[d]	22.9	855.0	877.9	50.11	161.70	2.94
R-11	Sandia			05/17/2019[b]	22.9	855.0	877.9	50.13	165.00	3.00
R-11	Sandia			06/14/2019[d]	22.9	855.0	877.9	49.88	157.30	2.86
R-13	Mortandad			05/09/2019[b]	60.4	958.3	1018.7	154.49	475.00	5.00
R-15	Mortandad			05/09/2019[b]	61.7	958.6	1020.3	56.04	194.64	8.11
R-33 S1	Mortandad			05/20/2019[b]	23.0	995.5	1018.5	72.44	219.10	3.13
R-33 S2	Mortandad			05/20/2019[b]	9.9	1112.4	1122.3	40.43	135.00	3.00
R-35a	Sandia			04/16/2019[d]	49.1	1013.1	1062.2	239.30	721.50	3.70
R-35a	Sandia			05/07/2019[b]	49.1	1013.1	1062.2	236.48	719.65	3.89
R-35a	Sandia			06/10/2019[d]	49.1	1013.1	1062.2	239.30	723.45	3.71
R-35b	Sandia			04/17/2019[d]	23.1	825.4	848.5	65.29	198.10	2.83
R-35b	Sandia			05/07/2019[b]	23.1	825.4	848.5	65.21	201.60	2.88

Table 2.0-1 (continued)

Location	Watershed	Sampling Event		Sample Collection Date	Screened Interval (ft)	Screen Top Depth (ft)	Screen Bottom Depth (ft)	Calculated Single Casing Volume (gal.)	Purge Volume (gal.)	Purge or Flow Rate (gpm[a])
		Monitoring Year	Quarter							
R-35b	Sandia	2019	3	06/14/2019[d]	23.1	825.4	848.5	65.15	200.20	2.86
R-36	Sandia			05/08/2019[b]	23.0	766.9	789.9	41.95	133.20	3.33
R-43 S1	Sandia			05/10/2019[b]	20.7	903.9	924.6	62.70	189.80	1.46
R-43 S2	Sandia			05/16/2019[b]	10.0	969.1	979.1	25.50	83.60	1.52
R-44 S1	Mortandad			04/30/2019[d]	10.0	895.0	905.0	54.42	168.95	3.06
R-44 S1	Mortandad			05/15/2019[b]	10.0	895.0	905.0	53.86	168.30	3.06
R-44 S1	Mortandad			06/18/2019[d]	10.0	895.0	905.0	53.65	161.70	2.94
R-44 S2	Mortandad			04/30/2019[d]	9.9	985.3	995.2	76.40	239.25	3.19
R-44 S2	Mortandad			05/15/2019[b]	9.9	985.3	995.2	76.40	234.75	3.13
R-44 S2	Mortandad			06/18/2019[d]	9.9	985.3	995.2	76.40	231.00	3.00
R-45 S1	Mortandad			04/26/2019[d]	10.0	880.0	890.0	49.36	159.50	3.19
R-45 S1	Mortandad			05/15/2019[b]	10.0	880.0	890.0	49.35	161.50	3.23
R-45 S1	Mortandad			06/13/2019[d]	10.0	880.0	890.0	49.17	156.50	3.13
R-45 S2	Mortandad			04/26/2019[d]	20.0	974.9	994.9	91.80	287.10	3.19
R-45 S2	Mortandad			05/15/2019[b]	20.0	974.9	994.9	91.80	283.05	3.33
R-45 S2	Mortandad			06/13/2019[d]	20.0	974.9	994.9	91.80	281.70	3.13
R-50 S1	Mortandad			04/29/2019[d]	10.0	1077.0	1087.0	48.14	144.60	2.41
R-50 S1	Mortandad			05/09/2019[b]	10.0	1077.0	1087.0	48.12	144.78	2.54
R-50 S1	Mortandad			06/17/2019[d]	10.0	1077.0	1087.0	47.35	149.25	1.99
R-50 S2	Mortandad			04/22/2019[d]	20.6	1185.0	1205.6	96.49	295.20	2.46
R-50 S2	Mortandad			05/14/2019[b]	20.6	1185.0	1205.6	96.49	300.30	2.31
R-50 S2	Mortandad			06/11/2019[d]	20.6	1185.0	1205.6	96.49	292.80	2.44
R-61 S1	Mortandad			04/19/2019[d]	10.0	1125.0	1135.0	56.20	176.40	1.96
R-61 S1	Mortandad			05/16/2019[b]	10.0	1125.0	1135.0	56.70	178.50	1.70

Table 2.0-1 (continued)

Location	Watershed	Sampling Event		Sample Collection Date	Screened Interval (ft)	Screen Top Depth (ft)	Screen Bottom Depth (ft)	Calculated Single Casing Volume (gal.)	Purge Volume (gal.)	Purge or Flow Rate (gpm[a])
		Monitoring Year	Quarter							
R-61 S1	Mortandad	2019	3	06/06/2019[d]	10.0	1125.0	1135.0	56.78	174.72	1.92
R-62	Mortandad			05/14/2019[b]	20.7	1158.4	1179.1	41.77	128.15	2.33
R-67	Sandia			05/10/2019[b]	20.4	1242.6	1263.0	45.56	159.60	3.99
SIMR-2	Mortandad			04/29/2019[d]	20.4	885.0	905.4	57.95	182.50	3.65
SIMR-2	Mortandad			05/21/2019[b]	20.4	885.0	905.4	57.94	190.00	3.80
SIMR-2	Mortandad			06/12/2019[d]	20.4	885.0	905.4	57.69	189.75	3.45
R-11	Sandia		4	07/11/2019[b]	22.9	855.0	877.9	49.55	163.35	2.97
R-11	Sandia			08/14/2019[d]	22.9	855.0	877.9	49.72	152.90	2.78
R-11	Sandia			09/16/2019[d]	22.9	855.0	877.9	49.64	158.95	2.89
R-13	Mortandad			07/09/2019[b]	60.4	958.3	1018.7	154.01	475.00	5.00
R-15	Mortandad			07/09/2019[b]	61.7	958.6	1020.3	55.75	218.97	8.11
R-33 S1	Mortandad			07/09/2019[b]	23.0	995.5	1018.5	72.08	225.00	3.00
R-33 S2	Mortandad			07/09/2019[b]	9.9	1112.4	1122.3	40.43	129.60	2.88
R-35a	Sandia			07/19/2019[b]	49.1	1013.1	1062.2	231.76	712.50	3.75
R-35a	Sandia			08/13/2019[d]	49.1	1013.1	1062.2	233.43	703.00	3.70
R-35a	Sandia			09/25/2019[d]	49.1	1013.1	1062.2	234.34	703.00	3.80
R-35b	Sandia			07/12/2019[b]	23.1	825.4	848.5	64.95	288.36	2.94
R-35b	Sandia			08/14/2019[d]	23.1	825.4	848.5	64.84	205.80	2.94
R-35b	Sandia			09/16/2019	23.1	825.4	848.5	64.90	205.80	2.94
R-36	Sandia			07/11/2019[b]	23.0	766.9	789.9	41.61	133.20	3.33
R-43 S1	Sandia			07/11/2019[b]	20.7	903.9	924.6	62.26	189.80	1.46
R-43 S2	Sandia			07/11/2019[b]	10.0	969.1	979.1	25.50	80.00	1.60
R-44 S1	Mortandad			07/15/2019[b]	10.0	895.0	905.0	53.51	173.25	3.15
R-44 S1	Mortandad			08/27/2019[d]	10.0	895.0	905.0	53.82	162.46	2.91

Table 2.0-1 (continued)

Location	Watershed	Sampling Event		Sample Collection Date	Screened Interval (ft)	Screen Top Depth (ft)	Screen Bottom Depth (ft)	Calculated Single Casing Volume (gal.)	Purge Volume (gal.)	Purge or Flow Rate (gpm[a])
		Monitoring Year	Quarter							
R-44 S1	Mortandad	2019	4	09/12/2019[d]	10.0	895.0	905.0	53.68	210.00	3.00
R-44 S2	Mortandad			07/15/2019[b]	9.9	985.3	995.2	76.40	234.75	3.13
R-44 S2	Mortandad			08/27/2019[d]	9.9	985.3	995.2	76.40	237.60	2.97
R-44 S2	Mortandad			09/12/2019[d]	9.9	985.3	995.2	76.40	240.00	3.00
R-45 S1	Mortandad			07/16/2019[b]	10.0	880.0	890.0	49.09	149.85	3.33
R-45 S1	Mortandad			08/23/2019[d]	10.0	880.0	890.0	49.18	163.00	3.26
R-45 S1	Mortandad			09/26/2019[d]	10.0	880.0	890.0	48.98	158.00	3.16
R-45 S2	Mortandad			07/16/2019[b]	20.0	974.9	994.9	91.80	283.05	3.33
R-45 S2	Mortandad			08/23/2019[d]	20.0	974.9	994.9	91.80	284.40	3.16
R-45 S2	Mortandad			09/26/2019[d]	20.0	974.9	994.9	91.80	289.80	3.22
R-50 S1	Mortandad			07/17/2019[b]	10.0	1077.0	1087.0	47.24	146.90	2.26
R-50 S1	Mortandad			08/22/2019[d]	10.0	1077.0	1087.0	47.53	150.15	2.31
R-50 S1	Mortandad			09/20/2019[d]	10.0	1077.0	1087.0	47.62	146.90	2.26
R-50 S2	Mortandad			07/12/2019[b]	20.6	1185.0	1205.6	96.49	350.40	2.40
R-50 S2	Mortandad			08/20/2019[d]	20.6	1185.0	1205.6	96.49	295.10	2.27
R-50 S2	Mortandad			09/19/2019[d]	20.6	1185.0	1205.6	96.49	323.40	2.10
R-61 S1	Mortandad			07/17/2019[b]	10.0	1125.0	1135.0	56.74	180.00	2.00
R-61 S1	Mortandad			08/15/2019[d]	10.0	1125.0	1135.0	56.01	174.60	1.94
R-61 S1	Mortandad			09/23/2019[d]	10.0	1125.0	1135.0	56.21	174.60	1.94
R-62	Mortandad			07/26/2019[b]	20.7	1158.4	1179.1	41.71	147.55	2.27
R-67	Sandia			07/24/2019[b]	20.4	1242.6	1263.0	45.32	140.00	4.00
SIMR-2	Mortandad			07/18/2019[b]	20.4	885.0	905.4	57.29	174.50	3.49
SIMR-2	Mortandad			08/21/2019[d]	20.4	885.0	905.4	57.44	178.50	3.57
SIMR-2	Mortandad			09/24/2019[d]	20.4	885.0	905.4	57.33	178.50	3.57

Table 2.0-1 (continued)

Location	Watershed	Sampling Event		Sample Collection Date	Screened Interval (ft)	Screen Top Depth (ft)	Screen Bottom Depth (ft)	Calculated Single Casing Volume (gal.)	Purge Volume (gal.)	Purge or Flow Rate (gpm[a])
		Monitoring Year	Quarter							
R-1	Mortandad	2020	1	11/08/2019[b]	26.3	1031.1	1057.4	60.54	183.15	3.33
R-11	Sandia			11/18/2019[b]	22.9	855.0	877.9	49.37	160.05	2.91
R-13	Mortandad			11/08/2019[b]	60.4	958.3	1018.7	153.90	467.40	4.92
R-15	Mortandad			11/08/2019[b]	61.7	958.6	1020.3	55.72	197.25	7.89
R-33 S1	Mortandad			11/06/2019[b]	23.0	995.5	1018.5	72.17	219.10	3.13
R-33 S2	Mortandad			11/06/2019[b]	9.9	1112.4	1122.3	40.43	128.70	2.86
R-35a	Sandia			11/18/2019[b]	49.1	1013.1	1062.2	238.03	730.75	3.95
R-35b	Sandia			11/18/2019[b]	23.1	825.4	848.5	64.89	205.40	3.16
R-36	Sandia			11/06/2019[b]	23.0	766.9	789.9	41.71	138.00	3.45
R-43 S1	Sandia			11/14/2019[b]	20.7	903.9	924.6	62.05	189.60	1.58
R-43 S2	Sandia			11/05/2019[b]	10.0	969.1	979.1	25.50	78.65	1.43
R-44 S1	Mortandad			11/20/2019[b]	10.0	895.0	905.0	54.42	169.95	3.09
R-44 S2	Mortandad			11/20/2019[b]	9.9	985.3	995.2	76.40	231.75	3.09
R-45 S1	Mortandad			11/19/2019[b]	10.0	880.0	890.0	49.82	158.00	3.16
R-45 S2	Mortandad			11/19/2019[b]	20.0	974.9	994.9	91.80	278.10	3.09
R-50 S1	Mortandad			11/19/2019[b]	10.0	1077.0	1087.0	47.65	151.90	2.17
R-50 S2	Mortandad			11/19/2019[b]	20.6	1185.0	1205.6	96.49	295.65	2.19
R-61 S1	Mortandad			11/20/2019[b]	10.0	1125.0	1135.0	56.34	177.65	2.09
R-62	Mortandad			11/12/2019[b]	20.7	1158.4	1179.1	41.39	134.00	2.68
R-67	Sandia			11/05/2019[b]	20.4	1242.6	1263.0	45.31	136.00	4.00

Table 2.0-1 (continued)

Location	Watershed	Sampling Event		Sample Collection Date	Screened Interval (ft)	Screen Top Depth (ft)	Screen Bottom Depth (ft)	Calculated Single Casing Volume (gal.)	Purge Volume (gal.)	Purge or Flow Rate (gpm[a])
		Monitoring Year	Quarter							
R-70 S1	Mortandad	2020	1	Canceled 11/21/2019[b]	n/a[g]	n/a	n/a	n/a	n/a	n/a
R-70 S2	Mortandad			Canceled 11/21/2019[b]	n/a	n/a	n/a	n/a	n/a	n/a
SIMR-2	Mortandad			11/13/2019[b]	20.4	885.0	905.4	57.50	178.50	3.57

[a] gpm = Gallons per minute.

[b] Quarterly sampling event.

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

[d] Monthly sampling event.

[e] S1 = Screen 1.

[f] S2 = Screen 2.

[g] n/a = Not applicable.

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

Sampling Event		Watershed	Monitoring Location	Observation/Deviation	Cause	Comments
Monitoring Year	Quarter					
Quarterly Sampling						
2019	2	Mortandad	MCOI-5	1.18 CVs[a] purged	Sampled per attachment 15; at one casing volume and drop pipe purged regardless of stability	None
			MCOI-6	3.11 CVs purged	None	None
			R-13	3.01 CVs purged	None	None
			R-15	3.81 CVs purged	An extra 0.81 CVs purged	Extra CVs purged to allow dissolved oxygen to stabilize. NMED began sampling at 0953, causing the flow of the field parameter multimeter to be restricted and altering dissolved oxygen.
			R-33 S1[b]	3.09 CVs purged	None	None
			R-33 S2[c]	3.34 CVs purged	None	None
			R-44 S1	3.15 CVs purged	None	None
			R-44 S2	3.13 CVs purged	None	None
			R-45 S1	3.07 CVs purged	None	None
			R-45 S2	3.16 CVs purged	None	None
			R-50 S1	3.16 CVs purged	None	None
			R-50 S2	3.08 CVs purged	None	None
			R-61 S1	3.01 CVs purged	None	None
			R-62	3.21 CVs purged	Samples collected at 3 CVs, 6 CVs, 9 CVs, 12 CVs, 15 CVs, 18 CVs and 21 CVs per Attachment 15.	None
			SIMR-2	3.09 CVs purged	None	None

Table 2.1-1 (continued)

Sampling Event		Watershed	Monitoring Location	Observation/Deviation	Cause	Comments
Monitoring Year	Quarter					
2019	2	Sandia	SCI-2	3.11 CVs purged	None	None
			R-11	3.27 CVs purged	None	None
			R-35a	3.01 CVs purged	None	None
			R-35b	3.09 CVs purged	None	None
			R-36	3.17 CVs purged	None	None
			R-43 S1	3.05 CVs purged	None	None
			R-43 S2	3.11 CVs purged	None	None
			R-67	3.20 CVs purged	None	None
2019	3	Mortandad	MCOI-5	1.05 CVs purged	Sampled per Attachment 15; at one casing volume and drop pipe purged regardless of stability	None
			MCOI-6	3.14 CVs purged	None	None
			R-1	3.02 CVs purged	None	None
			R-13	3.07 CVs purged	None	None
			R-15	3.47 CVs purged	An extra 0.47 CVs purged	Extra CVs to allow pH to stabilize.
			R-33 S1	3.02 CVs purged	None	None
			R-33 S2	3.34 CVs purged	None	None
			R-44 S1	3.12 CVs purged	None	None
			R-44 S2	3.07 CVs purged	None	None
			R-45 S1	3.27 CVs purged	None	None
			R-45 S2	3.08 CVs purged	None	None
			R-50 S1	3.17 CVs purged	None	None
			R-50 S2	3.11 CVs purged	None	None

Table 2.1-1 (continued)

Sampling Event		Watershed	Monitoring Location	Observation/Deviation	Cause	Comments
Monitoring Year	Quarter					
2019	3	Mortandad	R-61 S1	3.15 CVs purged	None	None
			R-62	3.07 CVs purged	Purged per Attachment 15: at a low flow rate to minimize water level drawdown.	None
			SIMR-2	3.28 CVs purged	None	None
2019	3	Sandia	SCI-1	1.13 CVs purged	Sampled per Attachment 15: at one CV and DP regardless of parameter stability.	None
			SCI-2	3.75 CVs purged	None	None
			R-11	3.29 CVs purged	None	None
			R-35a	3.04 CVs purged	None	None
			R-35b	3.09 CVs purged	None	None
			R-36	3.18 CVs purged	None	None
			R-43 S1	3.03 CVs purged	None	None
			R-43 S2	3.28 CVs purged	None	None
			R-67	3.50 CVs purged	An extra 0.5 CVs purged.	Extra CVs purged to allow dissolved oxygen to stabilize.
2019	4	Mortandad	MCOI-5	1.01 CVs purged	Well purged dry, crew instructed to return next day to sample pending recharge	Purge 1 CV + DP and sample regardless of stability per email 7/18/2019. Crew purged well 7/23/2019 and returned on 7/24/2019 to sample following recharge.
			MCOI-6	3.04 CVs purged	None	None

Table 2.1-1 (continued)

Sampling Event		Watershed	Monitoring Location	Observation/Deviation	Cause	Comments
Monitoring Year	Quarter					
2019	4	Mortandad	R-13	3.08 CVs purged	None	None
			R-15	3.93 CVs purged	An extra 0.93 CVs purged	Extra CVs purged to allow pH to stabilize.
			R-33 S1	3.12 CVs purged	None	None
			R-33 S2	3.21 CVs purged	None	None
			R-44 S1	3.24 CVs purged	None	None
			R-44 S2	3.07 CVs purged	None	None
			R-45 S1	3.05 CVs purged	None	None
			R-45 S2	3.08 CVs purged	None	None
			R-50 S1	3.11 CVs purged	None	None
			R-50 S2	3.63 CVs purged	An extra 0.63 CVs purged.	Extra CVs purged to allow dissolved oxygen to stabilize.
			R-61 S1	3.17 CVs purged	None	None
			R-62	3.53 CVs purged	An extra 0.53 CVs purged	Extra CVs purged to allow for specific conductance and dissolved oxygen to stabilize.
			SIMR-2	3.05 CVs purged	None	None
2019	4	Sandia	SCI-2	3.28 CVs purged	None	None
			R-11	3.30 CVs purged	None	None
			R-35a	3.07 CVs purged	None	None
			R-35b	4.44 CVs purged	An extra 1.44 CVs purged	Extra CCVs purged to allow pH and dissolved oxygen to stabilize.
			R-36	3.20 CVs purged	None	None
			R-43 S1	3.05 CVs purged	None	None
			R-43 S2	3.14 CVs purged	None	None
			R-67	3.09 CVs purged	None	None

Table 2.1-1 (continued)

Sampling Event		Watershed	Monitoring Location	Observation/Deviation	Cause	Comments
Monitoring Year	Quarter					
2020	1	Mortandad	R-70 S1	Canceled	Mechanical	None
			R-70 S2	Canceled	Mechanical	None
			MCOI-5	Limited analytical data will be available for this site.	A prioritized suite was collected.	A prioritized suite consisting only of PFAS was collected because of limited available water.
All PMEs in this PMR	All PMEs in this PMR	Mortandad and Sandia	All sites where SVOCs are analyzed	The 2019 IFGMP and 2020 IFGMP Table B-4.1-1 (N3B 2019, 700451) specifies a requirement to analyze methylphenol[4-], CAS[d] 106-44-5 as part of the SVOC analytical suite by the analytical method SW-846:8270D. Instead, methylphenol[3-,4-] CAS 65794-96-9 is analyzed as part of the SVOC analytical suite by the analytical method SW-846:8270D.	Methylphenol[3-], m-cresol, CAS 108-39-4, and methylphenol[4-], p-cresol CAS 106-44-5, are not independently quantified by SW-846:8270D. The two compounds co-elute and methylphenol[3-,4-], m,p-cresols CAS 65794-96-9 is analyzed by SW-846:8270D. The result for each analyte is a combined concentration. GELC's catalog of services includes m,p-cresols and does not include m-cresol or p-cresol. GELC's certificate of analysis identifies m,p-cresols CAS 65794-96-9.	None
			All sites where SVOCs are analyzed	The 2019 IFGMP and 2020 IFGMP Table B-4.1-1 (N3B 2019, 700451) specifies a requirement to analyze azobenzene, CAS 103-33-3 as part of the SVOC analytical suite by the analytical method SW-846:8270D. Instead, diphenylhydrazine[1,2-], CAS 122-66-7 is analyzed as part of the SVOC analytical suite by the analytical method SW846:8270D.	Diphenylhydrazine[1,2-] CAS 122-66-7 decomposes and cannot be separated from azobenzene CAS 103-33-3 using the analytical method SW846:8270D.	None

Table 2.1-1 (continued)

Sampling Event		Watershed	Monitoring Location	Observation/Deviation	Cause	Comments
Monitoring Year	Quarter					
All PMEs in this PMR	All PMEs in this PMR	Mortandad and Sandia	All sites where SVOCs are analyzed	The 2019 IFGMP Table B-4.1-1 (N3B 2019, 700451) specifies a requirement to analyze both nitrosodiphenylamine[N-] CAS 86-30-6 and diphenylamine CAS 122-39-4 as part of the SVOC analytical suite by the analytical method SW-846:8270. Instead diphenylamine CAS 122-39-4 is analyzed as part of the SVOC analytical suite by the analytical method SW-846:8270	Nitrosodiphenylamine[N-] CAS 86-30-6 decomposes and cannot be separated from diphenylamine CAS 122-39-4 using the analytical method 8270D.The result for each analyte is a combined and reported as diphenylamine CAS 122-39-4.	None
Monthly Sampling						
2019	2 – Feb	Sandia	R-11b	3.14 CVs purged	None	None
			R-35a	3.03	None	None
			R-35b	3.13	None	None
		Mortandad	R-44 S1	3.29	None	None
			R-44 S2	3.38	None	None
			R-45 S1	3.10	None	None
			R-45 S2	3.08	None	None
			R-50 S1	3.20	None	None
			R-50 S2	3.54	An extra 0.55 CV purged	Extra CV purged to allow dissolved oxygen to stabilize
			R-61 S1	3.01	None	None
			SIMR-2	3.03	None	None

Table 2.1-1 (continued)

Sampling Event		Watershed	Monitoring Location	Observation/Deviation	Cause	Comments
Monitoring Year	Quarter					
2019	2 – Mar	Sandia	R-11b	3.03 CVs purged	None	None
			R-35a	3.01	None	None
			R-35b	3.21	None	None
		Mortandad	R-44 S1	3.05	None	None
			R-44 S2	3.13	None	None
			R-45 S1	3.04	None	None
			R-45 S2	3.08	None	None
			R-50 S1	3.27	None	None
			R-50 S2	3.50	An extra 0.5 CV purged	Extra CV purged to allow dissolved oxygen to stabilize.
2019	3 – Apr	Sandia	R-11b	3.22 CVs purged	None	None
			R-35a	3.02	None	None
			R-35b	3.03	None	None
		Mortandad	R-44 S1	3.12	None	None
			R-44 S2	3.13	None	None
			R-45 S1	3.23	None	None
			R-45 S2	3.13	None	None
			R-50 S1	3.00	None	None
			R-50 S2	3.06	None	None
			R-61 S1	3.14	None	None
			SIMR-2	3.15	None	None

Table 2.1-1 (continued)

Sampling Event		Watershed	Monitoring Location	Observation/Deviation	Cause	Comments
Monitoring Year	Quarter					
2019	3 – June	Sandia	R-11b	3.17 CVs purged	None	None
			R-35a	3.02	Crew unable to collect water levels for entire purge.	Issue with cable connecting computer to pressure transducer. Groundwater project did not have backup cable available to use after connection was lost after initial water level.
			R-35b	3.07	None	None
		Mortandad	R-44 S1	3.01	None	None
			R-44 S2	3.02	None	None
			R-45 S1	3.18	None	None
			R-45 S2	3.07	None	None
			R-50 S1	3.15	None	None
			R-50 S2	3.03	Crew unable to collect water levels for entire purge.	Issue with cable connecting computer to pressure transducer. Groundwater project did not have backup cable available to use after connection was lost after initial water level. Crew also was in contact with in situ to troubleshoot during purge.
2019	3 – June	Mortandad	R-61 S1	3.08	Crew unable to collect water levels for entire purge	Issue with cable connecting computer to pressure transducer. Backup cable was delivered to crew during purge to finish collecting water levels after communication was lost.
			SIMR-2	3.30	Crew unable to collect water levels for entire purge	Issue with cable connecting computer to pressure transducer. Groundwater project did not have backup cable available to use after connection was lost after initial water level.

Table 2.1-1 (continued)

Sampling Event		Watershed	Monitoring Location	Observation/Deviation	Cause	Comments
Monitoring Year	Quarter					
	4 – Aug	Sandia	R-11b	3.08 CVs purged	None	None
			R-35a	3.01	None	None
			R-35b	3.17	None	None
		Mortandad	R-44 S1	3.02	None	None
			R-44 S2	3.11	None	None
			R-45 S1	3.31	None	Issues with conductivity readings with field parameter multimeter
			R-45 S2	3.10	None	Issues with conductivity readings with field parameter multimeter
			R-50 S1	3.16	None	Issues with conductivity readings with field parameter multimeter
			R-50 S2	3.06	None	None
			R-61 S1	3.12	None	None
2019	4 – Aug	Mortandad	SIMR-2	3.11	None	Issues with conductivity readings with field parameter multimeter
	4 – Sept	Sandia	R-11b	3.20 CVs purged	None	None
			R-35a	3.00	None	None
			R-35b	3.17	None	None
	4 – Sept	Mortandad	R-44 S1	3.91	None	Field parameter multimeter #400 used to collect final three specific conductivity readings because the field parameter multimeter #500 reading was abnormally high
			R-44 S2	3.14	None	Field parameter multimeter #400 used to collect final three specific conductivity readings because the field parameter multimeter #500 reading was abnormally high

Table 2.1-1 (continued)

Sampling Event		Watershed	Monitoring Location	Observation/Deviation	Cause	Comments
Monitoring Year	Quarter					
2019	4 – Sept	Mortandad	R-45 S1	3.23	None	None
			R-45 S2	3.16	None	None
			R-50 S1	3.08	None	None
			R-50 S2	3.35	None	None
			R-61 S1	3.11	None	None
			SIMR-2	3.11	None	None

[a] CVs = Casing volumes.

[b] S1 = Screen 1.

[c] S2 = Screen 2.

[d] CAS = Chemical Abstracts Service.

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

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

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

[b] Screening levels derived from NMED guidance (NMED 2017, 602274; NMED 2019, 700550).

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

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

Table 4.2-1
Target Analytes with MDLs Equal to or Above Screening Values

Analyte Name	MDL	Analytical Method	Screening Value	Unit	Screening-Value Type	Lab ID
Semivolatile Organic Compounds						
Azobenzene	3.0–3.21	SW-846:8270D	1.2	µg/L	EPA TAP SCRN LVL[a]	GELC[b]
Benzidine	3.9–4.17	SW-846:8270D	0.00109	µg/L	NMED A1 TAP SCRN LVL[c]	GELC
Benzo(a)anthracene	0.3–0.321	SW-846:8270D	0.12	µg/L	NMED A1 TAP SCRN LVL	GELC
Benzo(a)pyrene	0.3–0.321	SW-846:8270D	0.2	µg/L	NM GW STD[d]	GELC
Bis(2-chloroethyl)ether	3.0–3.21	SW-846:8270D	0.137	µg/L	NMED A1 TAP SCRN LVL	GELC
Dibenz(a,h)anthracene	0.3–0.321	SW-846:8270D	0.0343	µg/L	NMED A1 TAP SCRN LVL	GELC
Dichlorobenzidine[3,3'-]	3.0–3.21	SW-846:8270D	1.25	µg/L	NMED A1 TAP SCRN LVL	GELC
Dinitro-2-methylphenol[4,6-]	3.0–3.21	SW-846:8270D	1.52	µg/L	NMED A1 TAP SCRN LVL	GELC
Dinitrotoluene[2,4-]	3.0–3.21	SW-846:8270D	2.37	µg/L	NMED A1 TAP SCRN LVL	GELC
Dinitrotoluene[2,6-]	3.0–3.21	SW-846:8270D	0.485	µg/L	NMED A1 TAP SCRN LVL	GELC
Hexachlorobenzene	3.0–3.21	SW-846:8270D	1	µg/L	EPA MCL[e]	GELC
Hexachlorobutadiene	3.0–3.21	SW-846:8270D	1.39	µg/L	NMED A1 TAP SCRN LVL	GELC
Nitrobenzene	3.0–3.21	SW-846:8270D	1.4	µg/L	NMED A1 TAP SCRN LVL	GELC
Nitroso-di-n-butylamine[N-]	1.53–3.21	SW-846:8270D	0.0273	µg/L	NMED A1 TAP SCRN LVL	GELC
Nitroso-di-n-butylamine[N-]	1.4	SW-846:8270D	0.0273	µg/L	NMED A1 TAP SCRN LVL	SHEALY[f]
Nitroso-di-n-propylamine[N-]	3.0–3.21	SW-846:8270D	0.11	µg/L	EPA TAP SCRN LVL	GELC
Nitrosodiethylamine[N-]	1.53–3.21	SW-846:8270D	0.00167	µg/L	NMED A1 TAP SCRN LVL	GELC
Nitrosodiethylamine[N-]	0.8	SW-846:8270D	0.00167	µg/L	NMED A1 TAP SCRN LVL	SHEALY
Nitrosodimethylamine[N-]	1.55–3.21	SW-846:8270D	0.00491	µg/L	NMED A1 TAP SCRN LVL	GELC
Nitrosodimethylamine[N-]	0.7	SW-846:8270D	0.00491	µg/L	NMED A1 TAP SCRN LVL	SHEALY
Nitrosopyrrolidine[N-]	1.55–3.21	SW-846:8270D	0.37	µg/L	NMED A1 TAP SCRN LVL	GELC
Nitrosopyrrolidine[N-]	2.1	SW-846:8270D	0.37	µg/L	NMED A1 TAP SCRN LVL	SHEALY
Pentachlorophenol	3.0–3.21	SW-846:8270D	1	µg/L	NM GW STD	GELC
Tetrachlorobenzene[1,2,4,5]	3.0–3.21	SW-846:8270D	1.66	µg/L	NMED A1 TAP SCRN LVL	GELC
Nitroso-di-n-butylamine[N-]	0.0309–0.0309	SW-846:8270DGCMS_SIM	0.0273	µg/L	NMED A1 TAP SCRN LVL	GELC

Table 4.2-1 (continued)

Analyte Name	MDL	Analytical Method	Screening Value	Unit	Screening-Value Type	Lab ID
Nitrosodiethylamine[N-]	0.03–0.0316	SW-846:8270DGCMS_SIM	0.00167	µg/L	NMED A1 TAP SCRN LVL	GELC
Nitrosodimethylamine[N-]	0.0729–0.0737	SW-846:8270DGCMS_SIM	0.00491	µg/L	NMED A1 TAP SCRN LVL	GELC
Nitroso-di-n-butylamine[N-]	1.0	SW-846:8270C	0.0273	µg/L	NMED A1 TAP SCRN LVL	GELC
Nitrosodiethylamine[N-]	3.0–3.3	SW-846:8270C	0.00167	µg/L	NMED A1 TAP SCRN LVL	GELC
Nitrosodimethylamine[N-]	3.0–3.3	SW-846:8270C	0.00491	µg/L	NMED A1 TAP SCRN LVL	GELC
Nitrosopyrrolidine[N-]	3.0–3.3	SW-846:8270C	0.37	µg/L	NMED A1 TAP SCRN LVL	GELC
Volatile Organic Compounds						
Acrolein	1.5	SW-846:8260B	0.0415	µg/L	NMED A1 TAP SCRN LVL	GELC
Acrylonitrile	1.5	SW-846:8260B	0.523	µg/L	NMED A1 TAP SCRN LVL	GELC
Chloro-1,3-butadiene[2-]	0.3	SW-846:8260B	0.187	µg/L	NMED A1 TAP SCRN LVL	GELC
Dibromo-3-Chloropropane[1,2-]	0.5	SW-846:8260B	0.2	µg/L	EPA MCL	GELC
Dibromoethane[1,2-]	0.3	SW-846:8260B	0.05	µg/L	NM GW STD	GELC
Dibromomethane	0.3	SW-846:8260B	0.0747	µg/L	NMED A1 TAP SCRN LVL	GELC
Trichloropropane[1,2,3-]	0.3	SW-846:8260B	0.00835	µg/L	NMED A1 TAP SCRN LVL	GELC

Note: This table is applicable to samples reported in this PMR.

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

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

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

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

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

[f] SHEALY = Shealy Environmental Services, Inc.

Table 4.2-2
Target Analytes with MDLs Below Screening Values

Analyte Name	MDL	Analytical Method	Screening Value	Unit	Screening-Value Type	Lab ID
Semivolatile Organic Compounds						
Atrazine	3.0–3.21	SW-846:8270D	3	µg/L	NM GW STD[a]	GELC[b]
Pentachlorobenzene	3.0–3.21	SW-846:8270D	3.07	µg/L	NMED A1 TAP SCRN LVL[c]	GELC

Note: This table is applicable to samples reported in this PMR.

[a] New Mexico Water Quality Control Commission groundwater standard.

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

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

Table 5.2-1
Chromium Investigation Monitoring Group Results Above Screening Values

Location	Watershed	Sampling Event		Sample Collection Date	Analyte	Field Prep Code	Result	Unit	Screening Value	Screening-Value Type
		MY[a]	Quarter							
Perched-Intermediate										
MCOI-5	Mortandad	2019	3	05/08/2019[b]	Dioxane[1,4-]	UF[c]	22.9	µg/L	4.59	NMED A1 TAP SCRN LVL[d]
MCOI-5	Mortandad	2019	2	01/11/2019[b]	Nitrate-Nitrite as Nitrogen	F[e]	14.0	mg/L	10.0	EPA MCL
MCOI-5	Mortandad	2019	3	05/08/2019[b]	Nitrate-Nitrite as Nitrogen	F	12.5	mg/L	10.0	EPA MCL
MCOI-5	Mortandad	2019	4	07/24/2019[b]	Nitrate-Nitrite as Nitrogen	F	11.6	mg/L	10.0	EPA MCL
MCOI-5	Mortandad	2019	2	01/11/2019[b]	Perchlorate	F	213.0	µg/L	13.8	NMED A1 TAP SCRN LVL
MCOI-5	Mortandad	2019	3	05/08/2019[b]	Perchlorate	F	170.0	µg/L	13.8	NMED A1 TAP SCRN LVL
MCOI-5	Mortandad	2019	4	07/24/2019[b]	Perchlorate	F	151.0	µg/L	13.8	NMED A1 TAP SCRN LVL
MCOI-6	Mortandad	2019	2	01/09/2019[b]	Chromium	F	68.2	µg/L	50.0	NM GW STD[f]
MCOI-6	Mortandad	2019	3	05/13/2019[b]	Chromium	F	64.6	µg/L	50.0	NM GW STD
MCOI-6	Mortandad	2019	4	07/23/2019[b]	Chromium	F	63.7	µg/L	50.0	NM GW STD
MCOI-6	Mortandad	2020	1	11/14/2019[b]	Chromium	F	66.5	µg/L	50.0	NM GW STD
MCOI-6	Mortandad	2019	3	05/13/2019[b]	Dioxane[1,4-]	UF	10.1	µg/L	4.59	NMED A1 TAP SCRN LVL

Table 5.2-1 (continued)

Location	Watershed	Sampling Event		Sample Collection Date	Analyte	Field Prep Code	Result	Unit	Screening Value	Screening-Value Type
		MY[a]	Quarter							
MCOI-6	Mortandad	2020	1	11/14/2019[b]	Dioxane[1,4-]	UF	12.1	µg/L	4.59	NMED A1 TAP SCRN LVL
MCOI-6	Mortandad	2020	1	11/14/2019[b]	Dioxane[1,4-][g]	UF	28.3	µg/L	4.59	NMED A1 TAP SCRN LVL
MCOI-6	Mortandad	2019	2	01/09/2019[b]	Nitrate-Nitrite as Nitrogen	F	12.8	mg/L	10.0	EPA MCL
MCOI-6	Mortandad	2019	3	05/13/2019[b]	Nitrate-Nitrite as Nitrogen	F	11.1	mg/L	10.0	EPA MCL
MCOI-6	Mortandad	2019	4	07/23/2019[b]	Nitrate-Nitrite as Nitrogen	F	12.4	mg/L	10.0	EPA MCL
MCOI-6	Mortandad	2020	1	11/14/2019[b]	Nitrate-Nitrite as Nitrogen	F	11.4	mg/L	10.0	EPA MCL
MCOI-6	Mortandad	2019	2	01/09/2019[b]	Perchlorate	F	109.0	µg/L	13.8	NMED A1 TAP SCRN LVL
MCOI-6	Mortandad	2019	3	05/13/2019[b]	Perchlorate	F	93.6	µg/L	13.8	NMED A1 TAP SCRN LVL
MCOI-6	Mortandad	2019	4	07/23/2019[b]	Perchlorate	F	86.1	µg/L	13.8	NMED A1 TAP SCRN LVL
MCOI-6	Mortandad	2020	1	11/14/2019[b]	Perchlorate	F	94.9	µg/L	13.8	NMED A1 TAP SCRN LVL
SCI-2	Sandia	2019	2	01/16/2019[b]	Chromium	F	300.0	µg/L	50.0	NM GW STD
SCI-2	Sandia	2019	3	05/14/2019[b]	Chromium	F	265.0	µg/L	50.0	NM GW STD
SCI-2	Sandia	2019	4	07/12/2019[b]	Chromium	F	276.0	µg/L	50.0	NM GW STD
SCI-2	Sandia	2020	1	11/15/2019[b]	Chromium	F	268.0	µg/L	50.0	NM GW STD
Regional										
R-11	Sandia	2019	4	07/11/2019[b]	Fluoride	F	3.02	mg/L	1.6	NM GW STD
R-43 S1[h]	Sandia	2019	2	01/18/2019[b]	Chromium	F	199.0	µg/L	50.0	NM GW STD
R-43 S1	Sandia	2019	3	05/10/2019[b]	Chromium	F	197.0	µg/L	50.0	NM GW STD
R-43 S1	Sandia	2019	4	07/11/2019[b]	Chromium	F	205.0	µg/L	50.0	NM GW STD
R-43 S1	Sandia	2020	1	11/14/2019[b]	Chromium	F	222.0	µg/L	50.0	NM GW STD
R-43 S1	Sandia	2020	1	11/14/2019[b]	Chromium	F	223.0 (FD)	µg/L	50.0	NM GW STD
R-50 S1	Mortandad	2019	2	01/15/2019[b]	Chromium	F	76.3	µg/L	50.0	NM GW STD
R-50 S1	Mortandad	2019	2	02/20/2019[i]	Chromium	F	63.7	µg/L	50.0	NM GW STD
R-50 S1	Mortandad	2019	2	03/14/2019[i]	Chromium	F	61.9	µg/L	50.0	NM GW STD
R-50 S1	Mortandad	2019	3	04/29/2019[i]	Chromium	F	52.6	µg/L	50.0	NM GW STD
R-50 S1	Mortandad	2019	3	05/09/2019[b]	Chromium	F	51.2	µg/L	50.0	NM GW STD

Table 5.2-1 (continued)

Location	Watershed	Sampling Event		Sample Collection Date	Analyte	Field Prep Code	Result	Unit	Screening Value	Screening-Value Type
		MY[a]	Quarter							
R-50 S1	Mortandad	2019	4	07/17/2019[b]	Chromium	F	54.9	µg/L	50.0	NM GW STD
R-50 S1	Mortandad	2019	4	08/22/2019[i]	Chromium	F	57.4	µg/L	50.0	NM GW STD
R-61 S1	Mortandad	2019	2	01/08/2019[b]	Perchlorate	F	15.7	µg/L	13.8	NMED A1 TAP SCRN LVL
R-62	Mortandad	2019	2	01/23/2019[b]	Chromium	F	311.0	µg/L	50.0	NM GW STD
R-62	Mortandad	2019	3	05/14/2019[b]	Chromium	F	284.0	µg/L	50.0	NM GW STD
R-62	Mortandad	2019	4	07/26/2019[b]	Chromium	F	270.0	µg/L	50.0	NM GW STD
R-62	Mortandad	2020	1	11/12/2019[b]	Chromium	F	287.0	µg/L	50.0	NM GW STD

[a] MY = Monitoring year.

[b] Quarterly sampling event.

[c] UF = Unfiltered.

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

[e] F = Filtered.

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

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

[h] S1 = Screen 1.

Appendix A

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

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Field Matrix	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
288052	MCOI-5	689.0	07/24/2019	WG[a]	Dissolved Oxygen	7.26	mg/L	CAMO-19-181823
260881	MCOI-5	689.0	01/11/2019	WG	Dissolved Oxygen	5.70	mg/L	CAMO-19-165956
255568	MCOI-5	689.0	11/09/2018	WG	Dissolved Oxygen	5.67	mg/L	CAMO-19-163967
243550	MCOI-5	689.0	07/12/2018	WG	Dissolved Oxygen	6.24	mg/L	CAMO-18-159786
246664	MCOI-5	689.0	07/12/2018	WG	Dissolved Oxygen	6.24	mg/L	CAMO-18-159786
234243	MCOI-5	689.0	05/10/2018	WG	Dissolved Oxygen	6.34	mg/L	CAMO-18-153977
215187	MCOI-5	689.0	01/12/2018	WG	Dissolved Oxygen	7.64	mg/L	CAMO-18-150793
288051	MCOI-5	689.0	07/24/2019	WG	Flow (in gpm)	0.06	gpm	CAMO-19-181823
260880	MCOI-5	689.0	01/11/2019	WG	Flow (in gpm)	0.30	gpm	CAMO-19-165956
255567	MCOI-5	689.0	11/09/2018	WG	Flow (in gpm)	0.22	gpm	CAMO-19-163967
243549	MCOI-5	689.0	07/12/2018	WG	Flow (in gpm)	0.30	gpm	CAMO-18-159786
246663	MCOI-5	689.0	07/12/2018	WG	Flow (in gpm)	0.30	gpm	CAMO-18-159786
234242	MCOI-5	689.0	05/10/2018	WG	Flow (in gpm)	0.24	gpm	CAMO-18-153977
215186	MCOI-5	689.0	01/12/2018	WG	Flow (in gpm)	0.22	gpm	CAMO-18-150793
288054	MCOI-5	689.0	07/24/2019	WG	Oxidation-Reduction Potential	238.4	mV	CAMO-19-181823
260883	MCOI-5	689.0	01/11/2019	WG	Oxidation-Reduction Potential	196.5	mV	CAMO-19-165956
255570	MCOI-5	689.0	11/09/2018	WG	Oxidation-Reduction Potential	235.1	mV	CAMO-19-163967
243552	MCOI-5	689.0	07/12/2018	WG	Oxidation-Reduction Potential	223.9	mV	CAMO-18-159786
246666	MCOI-5	689.0	07/12/2018	WG	Oxidation-Reduction Potential	223.9	mV	CAMO-18-159786
234245	MCOI-5	689.0	05/10/2018	WG	Oxidation-Reduction Potential	214.4	mV	CAMO-18-153977
215189	MCOI-5	689.0	01/12/2018	WG	Oxidation-Reduction Potential	217.7	mV	CAMO-18-150793
288060	MCOI-5	689.0	07/24/2019	WG	pH	8.88	SU[b]	CAMO-19-181823
260916	MCOI-5	689.0	01/11/2019	WG	pH	8.93	SU	CAMO-19-165956
255621	MCOI-5	689.0	11/09/2018	WG	pH	8.88	SU	CAMO-19-163967
243559	MCOI-5	689.0	07/12/2018	WG	pH	8.76	SU	CAMO-18-159786
246669	MCOI-5	689.0	07/12/2018	WG	pH	8.76	SU	CAMO-18-159786
234312	MCOI-5	689.0	05/10/2018	WG	pH	8.73	SU	CAMO-18-153977

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Field Matrix	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
215191	MCOI-5	689.0	01/12/2018	WG	pH	8.69	SU	CAMO-18-150793
288056	MCOI-5	689.0	07/24/2019	WG	Specific Conductance	340.6	µS/cm	CAMO-19-181823
260918	MCOI-5	689.0	01/11/2019	WG	Specific Conductance	342.2	µS/cm	CAMO-19-165956
255623	MCOI-5	689.0	11/09/2018	WG	Specific Conductance	337.6	µS/cm	CAMO-19-163967
243555	MCOI-5	689.0	07/12/2018	WG	Specific Conductance	355.2	µS/cm	CAMO-18-159786
246671	MCOI-5	689.0	07/12/2018	WG	Specific Conductance	355.2	µS/cm	CAMO-18-159786
234314	MCOI-5	689.0	05/10/2018	WG	Specific Conductance	355.7	µS/cm	CAMO-18-153977
215213	MCOI-5	689.0	01/12/2018	WG	Specific Conductance	337.6	µS/cm	CAMO-18-150793
288057	MCOI-5	689.0	07/24/2019	WG	Temperature	15.7	deg C	CAMO-19-181823
260919	MCOI-5	689.0	01/11/2019	WG	Temperature	12.3	deg C	CAMO-19-165956
255624	MCOI-5	689.0	11/09/2018	WG	Temperature	11.1	deg C	CAMO-19-163967
243556	MCOI-5	689.0	07/12/2018	WG	Temperature	13.6	deg C	CAMO-18-159786
246672	MCOI-5	689.0	07/12/2018	WG	Temperature	13.6	deg C	CAMO-18-159786
234315	MCOI-5	689.0	05/10/2018	WG	Temperature	13.8	deg C	CAMO-18-153977
215214	MCOI-5	689.0	01/12/2018	WG	Temperature	11.0	deg C	CAMO-18-150793
288059	MCOI-5	689.0	07/24/2019	WG	Turbidity	4.85	NTU[c]	CAMO-19-181823
260921	MCOI-5	689.0	01/11/2019	WG	Turbidity	2.82	NTU	CAMO-19-165956
255572	MCOI-5	689.0	11/09/2018	WG	Turbidity	1.07	NTU	CAMO-19-163967
243558	MCOI-5	689.0	07/12/2018	WG	Turbidity	7.49	NTU	CAMO-18-159786
246667	MCOI-5	689.0	07/12/2018	WG	Turbidity	7.49	NTU	CAMO-18-159786
234246	MCOI-5	689.0	05/10/2018	WG	Turbidity	11.90	NTU	CAMO-18-153977
215216	MCOI-5	689.0	01/12/2018	WG	Turbidity	3.15	NTU	CAMO-18-150793
304594	MCOI-6	686.0	11/14/2019	WG	Dissolved Oxygen	7.31	mg/L	CAMO-20-189134
287329	MCOI-6	686.0	07/23/2019	WG	Dissolved Oxygen	7.40	mg/L	CAMO-19-181824
277867	MCOI-6	686.0	05/13/2019	WG	Dissolved Oxygen	7.24	mg/L	CAMO-19-175132
260290	MCOI-6	686.0	01/09/2019	WG	Dissolved Oxygen	7.35	mg/L	CAMO-19-165954
255462	MCOI-6	686.0	11/08/2018	WG	Dissolved Oxygen	7.48	mg/L	CAMO-19-163970

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Field Matrix	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
240234	MCOI-6	686.0	07/11/2018	WG	Dissolved Oxygen	7.44	mg/L	CAMO-18-159789
214768	MCOI-6	686.0	01/11/2018	WG	Dissolved Oxygen	7.58	mg/L	CAMO-18-150795
210045	MCOI-6	686.0	11/09/2017	WG	Dissolved Oxygen	6.86	mg/L	CAMO-18-148071
304593	MCOI-6	686.0	11/14/2019	WG	Flow (in gpm)	1.19	gpm	CAMO-20-189134
287328	MCOI-6	686.0	07/23/2019	WG	Flow (in gpm)	1.38	gpm	CAMO-19-181824
277866	MCOI-6	686.0	05/13/2019	WG	Flow (in gpm)	1.24	gpm	CAMO-19-175132
260347	MCOI-6	686.0	01/09/2019	WG	Flow (in gpm)	1.32	gpm	CAMO-19-165954
255506	MCOI-6	686.0	11/08/2018	WG	Flow (in gpm)	1.30	gpm	CAMO-19-163970
240233	MCOI-6	686.0	07/11/2018	WG	Flow (in gpm)	1.40	gpm	CAMO-18-159789
214767	MCOI-6	686.0	01/11/2018	WG	Flow (in gpm)	1.48	gpm	CAMO-18-150795
210044	MCOI-6	686.0	11/09/2017	WG	Flow (in gpm)	1.26	gpm	CAMO-18-148071
304555	MCOI-6	686.0	11/14/2019	WG	Oxidation-Reduction Potential	147.3	mV	CAMO-20-189134
287330	MCOI-6	686.0	07/23/2019	WG	Oxidation-Reduction Potential	255.3	mV	CAMO-19-181824
277868	MCOI-6	686.0	05/13/2019	WG	Oxidation-Reduction Potential	197.3	mV	CAMO-19-175132
260292	MCOI-6	686.0	01/09/2019	WG	Oxidation-Reduction Potential	270.7	mV	CAMO-19-165954
255463	MCOI-6	686.0	11/08/2018	WG	Oxidation-Reduction Potential	327.5	mV	CAMO-19-163970
240236	MCOI-6	686.0	07/11/2018	WG	Oxidation-Reduction Potential	178.6	mV	CAMO-18-159789
214770	MCOI-6	686.0	01/11/2018	WG	Oxidation-Reduction Potential	196.9	mV	CAMO-18-150795
210047	MCOI-6	686.0	11/09/2017	WG	Oxidation-Reduction Potential	285.0	mV	CAMO-18-148071
304557	MCOI-6	686.0	11/14/2019	WG	pH	7.18	SU	CAMO-20-189134
287332	MCOI-6	686.0	07/23/2019	WG	pH	7.18	SU	CAMO-19-181824
277870	MCOI-6	686.0	05/13/2019	WG	pH	7.16	SU	CAMO-19-175132
260294	MCOI-6	686.0	01/09/2019	WG	pH	7.21	SU	CAMO-19-165954
255546	MCOI-6	686.0	11/08/2018	WG	pH	7.19	SU	CAMO-19-163970
240238	MCOI-6	686.0	07/11/2018	WG	pH	7.17	SU	CAMO-18-159789
214830	MCOI-6	686.0	01/11/2018	WG	pH	7.34	SU	CAMO-18-150795
210053	MCOI-6	686.0	11/09/2017	WG	pH	7.01	SU	CAMO-18-148071

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Field Matrix	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
304559	MCOI-6	686.0	11/14/2019	WG	Specific Conductance	537.0	µS/cm	CAMO-20-189134
287382	MCOI-6	686.0	07/23/2019	WG	Specific Conductance	544.0	µS/cm	CAMO-19-181824
277908	MCOI-6	686.0	05/13/2019	WG	Specific Conductance	547.0	µS/cm	CAMO-19-175132
260349	MCOI-6	686.0	01/09/2019	WG	Specific Conductance	550.0	µS/cm	CAMO-19-165954
255548	MCOI-6	686.0	11/08/2018	WG	Specific Conductance	556.0	µS/cm	CAMO-19-163970
240186	MCOI-6	686.0	07/11/2018	WG	Specific Conductance	560.0	µS/cm	CAMO-18-159789
214832	MCOI-6	686.0	01/11/2018	WG	Specific Conductance	553.0	µS/cm	CAMO-18-150795
210049	MCOI-6	686.0	11/09/2017	WG	Specific Conductance	556.0	µS/cm	CAMO-18-148071
304560	MCOI-6	686.0	11/14/2019	WG	Temperature	15.2	deg C	CAMO-20-189134
287383	MCOI-6	686.0	07/23/2019	WG	Temperature	16.3	deg C	CAMO-19-181824
277909	MCOI-6	686.0	05/13/2019	WG	Temperature	16.8	deg C	CAMO-19-175132
260350	MCOI-6	686.0	01/09/2019	WG	Temperature	14.0	deg C	CAMO-19-165954
255549	MCOI-6	686.0	11/08/2018	WG	Temperature	15.5	deg C	CAMO-19-163970
240187	MCOI-6	686.0	07/11/2018	WG	Temperature	17.1	deg C	CAMO-18-159789
214833	MCOI-6	686.0	01/11/2018	WG	Temperature	15.0	deg C	CAMO-18-150795
210050	MCOI-6	686.0	11/09/2017	WG	Temperature	15.4	deg C	CAMO-18-148071
304595	MCOI-6	686.0	11/14/2019	WG	Turbidity	0.58	NTU	CAMO-20-189134
287385	MCOI-6	686.0	07/23/2019	WG	Turbidity	0.84	NTU	CAMO-19-181824
277911	MCOI-6	686.0	05/13/2019	WG	Turbidity	0.77	NTU	CAMO-19-175132
260352	MCOI-6	686.0	01/09/2019	WG	Turbidity	0.67	NTU	CAMO-19-165954
255466	MCOI-6	686.0	11/08/2018	WG	Turbidity	0.58	NTU	CAMO-19-163970
240189	MCOI-6	686.0	07/11/2018	WG	Turbidity	0.44	NTU	CAMO-18-159789
214835	MCOI-6	686.0	01/11/2018	WG	Turbidity	0.60	NTU	CAMO-18-150795
210052	MCOI-6	686.0	11/09/2017	WG	Turbidity	0.56	NTU	CAMO-18-148071
303632	R-1	1031.1	11/08/2019	WG	Dissolved Oxygen	5.82	mg/L	CAMO-20-189137
278297	R-1	1031.1	05/13/2019	WG	Dissolved Oxygen	5.95	mg/L	CAMO-19-175136
255377	R-1	1031.1	11/08/2018	WG	Dissolved Oxygen	5.90	mg/L	CAMO-19-163974

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Field Matrix	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
234066	R-1	1031.1	05/10/2018	WG	Dissolved Oxygen	6.08	mg/L	CAMO-18-153985
210055	R-1	1031.1	11/09/2017	WG	Dissolved Oxygen	6.12	mg/L	CAMO-18-148072
205528	R-1	1031.1	05/15/2017	WG	Dissolved Oxygen	6.09	mg/L	CAMO-17-132221
303577	R-1	1031.1	11/08/2019	WG	Flow (in gpm)	3.33	gpm	CAMO-20-189137
278296	R-1	1031.1	05/13/2019	WG	Flow (in gpm)	3.33	gpm	CAMO-19-175136
255376	R-1	1031.1	11/08/2018	WG	Flow (in gpm)	3.30	gpm	CAMO-19-163974
234065	R-1	1031.1	05/10/2018	WG	Flow (in gpm)	3.26	gpm	CAMO-18-153985
210054	R-1	1031.1	11/09/2017	WG	Flow (in gpm)	3.44	gpm	CAMO-18-148072
303634	R-1	1031.1	11/08/2019	WG	Oxidation-Reduction Potential	119.8	mV	CAMO-20-189137
278299	R-1	1031.1	05/13/2019	WG	Oxidation-Reduction Potential	125.1	mV	CAMO-19-175136
255429	R-1	1031.1	11/08/2018	WG	Oxidation-Reduction Potential	300.2	mV	CAMO-19-163974
233997	R-1	1031.1	05/10/2018	WG	Oxidation-Reduction Potential	118.4	mV	CAMO-18-153985
210057	R-1	1031.1	11/09/2017	WG	Oxidation-Reduction Potential	244.2	mV	CAMO-18-148072
205530	R-1	1031.1	05/15/2017	WG	Oxidation-Reduction Potential	126.4	mV	CAMO-17-132221
303636	R-1	1031.1	11/08/2019	WG	pH	7.93	SU	CAMO-20-189137
278223	R-1	1031.1	05/13/2019	WG	pH	7.86	SU	CAMO-19-175136
255378	R-1	1031.1	11/08/2018	WG	pH	7.75	SU	CAMO-19-163974
233999	R-1	1031.1	05/10/2018	WG	pH	7.78	SU	CAMO-18-153985
210063	R-1	1031.1	11/09/2017	WG	pH	7.95	SU	CAMO-18-148072
205534	R-1	1031.1	05/15/2017	WG	pH	8.03	SU	CAMO-17-132221
303638	R-1	1031.1	11/08/2019	WG	Specific Conductance	138.1	µS/cm	CAMO-20-189137
278225	R-1	1031.1	05/13/2019	WG	Specific Conductance	137.9	µS/cm	CAMO-19-175136
255380	R-1	1031.1	11/08/2018	WG	Specific Conductance	139.3	µS/cm	CAMO-19-163974
234067	R-1	1031.1	05/10/2018	WG	Specific Conductance	137.7	µS/cm	CAMO-18-153985
210059	R-1	1031.1	11/09/2017	WG	Specific Conductance	138.0	µS/cm	CAMO-18-148072
205531	R-1	1031.1	05/15/2017	WG	Specific Conductance	139.4	µS/cm	CAMO-17-132221
303578	R-1	1031.1	11/08/2019	WG	Temperature	21.5	deg C	CAMO-20-189137

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Field Matrix	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
278226	R-1	1031.1	05/13/2019	WG	Temperature	21.6	deg C	CAMO-19-175136
255459	R-1	1031.1	11/08/2018	WG	Temperature	20.8	deg C	CAMO-19-163974
234068	R-1	1031.1	05/10/2018	WG	Temperature	22.1	deg C	CAMO-18-153985
210060	R-1	1031.1	11/09/2017	WG	Temperature	20.7	deg C	CAMO-18-148072
205532	R-1	1031.1	05/15/2017	WG	Temperature	21.7	deg C	CAMO-17-132221
303580	R-1	1031.1	11/08/2019	WG	Turbidity	0.49	NTU	CAMO-20-189137
278301	R-1	1031.1	05/13/2019	WG	Turbidity	0.38	NTU	CAMO-19-175136
255461	R-1	1031.1	11/08/2018	WG	Turbidity	0.53	NTU	CAMO-19-163974
234070	R-1	1031.1	05/10/2018	WG	Turbidity	0.30	NTU	CAMO-18-153985
210062	R-1	1031.1	11/09/2017	WG	Turbidity	0.36	NTU	CAMO-18-148072
205533	R-1	1031.1	05/15/2017	WG	Turbidity	0.33	NTU	CAMO-17-132221
305007	R-11	855.0	11/18/2019	WG	Dissolved Oxygen	7.03	mg/L	CASA-20-189207
293203	R-11	855.0	09/16/2019	WG	Dissolved Oxygen	6.83	mg/L	CASA-19-186478
289406	R-11	855.0	08/14/2019	WG	Dissolved Oxygen	6.97	mg/L	CASA-19-184709
285520	R-11	855.0	07/11/2019	WG	Dissolved Oxygen	6.86	mg/L	CASA-19-182098
283350	R-11	855.0	06/14/2019	WG	Dissolved Oxygen	6.94	mg/L	CASA-19-181661
279301	R-11	855.0	05/17/2019	WG	Dissolved Oxygen	6.67	mg/L	CASA-19-175182
274407	R-11	855.0	04/17/2019	WG	Dissolved Oxygen	6.97	mg/L	CASA-19-174795
273002	R-11	855.0	03/21/2019	WG	Dissolved Oxygen	6.79	mg/L	CASA-19-167686
265801	R-11	855.0	02/14/2019	WG	Dissolved Oxygen	6.71	mg/L	CASA-19-166431
262273	R-11	855.0	01/16/2019	WG	Dissolved Oxygen	6.80	mg/L	CASA-19-166010
259412	R-11	855.0	12/17/2018	WG	Dissolved Oxygen	6.84	mg/L	CASA-19-164841
257508	R-11	855.0	11/16/2018	WG	Dissolved Oxygen	6.85	mg/L	CASA-19-164018
252801	R-11	855.0	10/29/2018	WG	Dissolved Oxygen	6.79	mg/L	CASA-19-163698
240320	R-11	855.0	07/11/2018	WG	Dissolved Oxygen	6.75	mg/L	CASA-18-159859
305006	R-11	855.0	11/18/2019	WG	Flow (in gpm)	2.91	gpm	CASA-20-189207
293202	R-11	855.0	09/16/2019	WG	Flow (in gpm)	2.89	gpm	CASA-19-186478

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Field Matrix	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
289405	R-11	855.0	08/14/2019	WG	Flow (in gpm)	2.78	gpm	CASA-19-184709
285519	R-11	855.0	07/11/2019	WG	Flow (in gpm)	2.97	gpm	CASA-19-182098
283349	R-11	855.0	06/14/2019	WG	Flow (in gpm)	2.86	gpm	CASA-19-181661
279300	R-11	855.0	05/17/2019	WG	Flow (in gpm)	3.00	gpm	CASA-19-175182
274469	R-11	855.0	04/17/2019	WG	Flow (in gpm)	2.94	gpm	CASA-19-174795
273001	R-11	855.0	03/21/2019	WG	Flow (in gpm)	3.13	gpm	CASA-19-167686
262272	R-11	855.0	01/16/2019	WG	Flow (in gpm)	2.97	gpm	CASA-19-166010
259411	R-11	855.0	12/17/2018	WG	Flow (in gpm)	3.00	gpm	CASA-19-164841
257507	R-11	855.0	11/16/2018	WG	Flow (in gpm)	3.00	gpm	CASA-19-164018
252800	R-11	855.0	10/29/2018	WG	Flow (in gpm)	3.00	gpm	CASA-19-163698
240319	R-11	855.0	07/11/2018	WG	Flow (in gpm)	2.97	gpm	CASA-18-159859
305009	R-11	855.0	11/18/2019	WG	Oxidation-Reduction Potential	225.7	mV	CASA-20-189207
293194	R-11	855.0	09/16/2019	WG	Oxidation-Reduction Potential	161.0	mV	CASA-19-186478
289408	R-11	855.0	08/14/2019	WG	Oxidation-Reduction Potential	143.5	mV	CASA-19-184709
285543	R-11	855.0	07/11/2019	WG	Oxidation-Reduction Potential	158.3	mV	CASA-19-182098
283352	R-11	855.0	06/14/2019	WG	Oxidation-Reduction Potential	239.7	mV	CASA-19-181661
279224	R-11	855.0	05/17/2019	WG	Oxidation-Reduction Potential	160.3	mV	CASA-19-175182
274409	R-11	855.0	04/17/2019	WG	Oxidation-Reduction Potential	274.1	mV	CASA-19-174795
273004	R-11	855.0	03/21/2019	WG	Oxidation-Reduction Potential	197.7	mV	CASA-19-167686
265803	R-11	855.0	02/14/2019	WG	Oxidation-Reduction Potential	194.0	mV	CASA-19-166431
262275	R-11	855.0	01/16/2019	WG	Oxidation-Reduction Potential	267.8	mV	CASA-19-166010
259414	R-11	855.0	12/17/2018	WG	Oxidation-Reduction Potential	321.4	mV	CASA-19-164841
257510	R-11	855.0	11/16/2018	WG	Oxidation-Reduction Potential	310.1	mV	CASA-19-164018
252803	R-11	855.0	10/29/2018	WG	Oxidation-Reduction Potential	295.4	mV	CASA-19-163698
240363	R-11	855.0	07/11/2018	WG	Oxidation-Reduction Potential	261.8	mV	CASA-18-159859
305011	R-11	855.0	11/18/2019	WG	pH	8.03	SU	CASA-20-189207
293228	R-11	855.0	09/16/2019	WG	pH	8.20	SU	CASA-19-186478

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Field Matrix	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
289469	R-11	855.0	08/14/2019	WG	pH	8.21	SU	CASA-19-184709
285545	R-11	855.0	07/11/2019	WG	pH	8.58	SU	CASA-19-182098
283272	R-11	855.0	06/14/2019	WG	pH	8.27	SU	CASA-19-181661
279226	R-11	855.0	05/17/2019	WG	pH	8.26	SU	CASA-19-175182
274411	R-11	855.0	04/17/2019	WG	pH	8.30	SU	CASA-19-174795
273010	R-11	855.0	03/21/2019	WG	pH	8.25	SU	CASA-19-167686
265808	R-11	855.0	02/14/2019	WG	pH	8.30	SU	CASA-19-166431
262343	R-11	855.0	01/16/2019	WG	pH	8.25	SU	CASA-19-166010
259419	R-11	855.0	12/17/2018	WG	pH	8.23	SU	CASA-19-164841
257516	R-11	855.0	11/16/2018	WG	pH	8.27	SU	CASA-19-164018
252731	R-11	855.0	10/29/2018	WG	pH	8.27	SU	CASA-19-163698
240365	R-11	855.0	07/11/2018	WG	pH	8.28	SU	CASA-18-159859
305074	R-11	855.0	11/18/2019	WG	Specific Conductance	220.6	µS/cm	CASA-20-189207
293230	R-11	855.0	09/16/2019	WG	Specific Conductance	222.8	µS/cm	CASA-19-186478
289471	R-11	855.0	08/14/2019	WG	Specific Conductance	223.0	µS/cm	CASA-19-184709
285547	R-11	855.0	07/11/2019	WG	Specific Conductance	224.2	µS/cm	CASA-19-182098
283274	R-11	855.0	06/14/2019	WG	Specific Conductance	223.9	µS/cm	CASA-19-181661
279228	R-11	855.0	05/17/2019	WG	Specific Conductance	224.7	µS/cm	CASA-19-175182
274471	R-11	855.0	04/17/2019	WG	Specific Conductance	223.8	µS/cm	CASA-19-174795
273006	R-11	855.0	03/21/2019	WG	Specific Conductance	224.4	µS/cm	CASA-19-167686
265805	R-11	855.0	02/14/2019	WG	Specific Conductance	222.9	µS/cm	CASA-19-166431
262345	R-11	855.0	01/16/2019	WG	Specific Conductance	225.2	µS/cm	CASA-19-166010
259416	R-11	855.0	12/17/2018	WG	Specific Conductance	225.6	µS/cm	CASA-19-164841
257512	R-11	855.0	11/16/2018	WG	Specific Conductance	225.7	µS/cm	CASA-19-164018
252733	R-11	855.0	10/29/2018	WG	Specific Conductance	225.0	µS/cm	CASA-19-163698
240367	R-11	855.0	07/11/2018	WG	Specific Conductance	227.7	µS/cm	CASA-18-159859
305075	R-11	855.0	11/18/2019	WG	Temperature	21.4	deg C	CASA-20-189207

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Field Matrix	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
293205	R-11	855.0	09/16/2019	WG	Temperature	21.7	deg C	CASA-19-186478
289472	R-11	855.0	08/14/2019	WG	Temperature	21.8	deg C	CASA-19-184709
285522	R-11	855.0	07/11/2019	WG	Temperature	21.8	deg C	CASA-19-182098
283275	R-11	855.0	06/14/2019	WG	Temperature	21.9	deg C	CASA-19-181661
279303	R-11	855.0	05/17/2019	WG	Temperature	21.8	deg C	CASA-19-175182
274472	R-11	855.0	04/17/2019	WG	Temperature	21.5	deg C	CASA-19-174795
273007	R-11	855.0	03/21/2019	WG	Temperature	19.3	deg C	CASA-19-167686
265806	R-11	855.0	02/14/2019	WG	Temperature	21.0	deg C	CASA-19-166431
262346	R-11	855.0	01/16/2019	WG	Temperature	21.2	deg C	CASA-19-166010
259417	R-11	855.0	12/17/2018	WG	Temperature	21.1	deg C	CASA-19-164841
257513	R-11	855.0	11/16/2018	WG	Temperature	21.5	deg C	CASA-19-164018
252734	R-11	855.0	10/29/2018	WG	Temperature	21.6	deg C	CASA-19-163698
240368	R-11	855.0	07/11/2018	WG	Temperature	22.0	deg C	CASA-18-159859
305077	R-11	855.0	11/18/2019	WG	Turbidity	0.19	NTU	CASA-20-189207
293207	R-11	855.0	09/16/2019	WG	Turbidity	0.27	NTU	CASA-19-186478
289474	R-11	855.0	08/14/2019	WG	Turbidity	0.33	NTU	CASA-19-184709
285524	R-11	855.0	07/11/2019	WG	Turbidity	0.38	NTU	CASA-19-182098
283354	R-11	855.0	06/14/2019	WG	Turbidity	0.09	NTU	CASA-19-181661
279305	R-11	855.0	05/17/2019	WG	Turbidity	0.12	NTU	CASA-19-175182
274474	R-11	855.0	04/17/2019	WG	Turbidity	0.24	NTU	CASA-19-174795
273009	R-11	855.0	03/21/2019	WG	Turbidity	1.43	NTU	CASA-19-167686
265807	R-11	855.0	02/14/2019	WG	Turbidity	0.16	NTU	CASA-19-166431
262348	R-11	855.0	01/16/2019	WG	Turbidity	0.47	NTU	CASA-19-166010
259418	R-11	855.0	12/17/2018	WG	Turbidity	0.14	NTU	CASA-19-164841
257515	R-11	855.0	11/16/2018	WG	Turbidity	0.14	NTU	CASA-19-164018
252805	R-11	855.0	10/29/2018	WG	Turbidity	0.69	NTU	CASA-19-163698
240322	R-11	855.0	07/11/2018	WG	Turbidity	0.64	NTU	CASA-18-159859

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Field Matrix	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
303427	R-13	958.3	11/08/2019	WG	Dissolved Oxygen	6.30	mg/L	CAMO-20-189149
284809	R-13	958.3	07/09/2019	WG	Dissolved Oxygen	6.27	mg/L	CAMO-19-181827
277118	R-13	958.3	05/09/2019	WG	Dissolved Oxygen	6.42	mg/L	CAMO-19-175138
260473	R-13	958.3	01/10/2019	WG	Dissolved Oxygen	6.34	mg/L	CAMO-19-165960
254962	R-13	958.3	11/07/2018	WG	Dissolved Oxygen	6.39	mg/L	CAMO-19-163976
240801	R-13	958.3	07/13/2018	WG	Dissolved Oxygen	6.40	mg/L	CAMO-18-159795
234863	R-13	958.3	05/14/2018	WG	Dissolved Oxygen	6.34	mg/L	CAMO-18-153989
216606	R-13	958.3	01/19/2018	WG	Dissolved Oxygen	6.23	mg/L	CAMO-18-150801
303426	R-13	958.3	11/08/2019	WG	Flow (in gpm)	4.92	gpm	CAMO-20-189149
284808	R-13	958.3	07/09/2019	WG	Flow (in gpm)	5.00	gpm	CAMO-19-181827
277117	R-13	958.3	05/09/2019	WG	Flow (in gpm)	5.00	gpm	CAMO-19-175138
260472	R-13	958.3	01/10/2019	WG	Flow (in gpm)	5.17	gpm	CAMO-19-165960
254961	R-13	958.3	11/07/2018	WG	Flow (in gpm)	5.26	gpm	CAMO-19-163976
240800	R-13	958.3	07/13/2018	WG	Flow (in gpm)	5.00	gpm	CAMO-18-159795
234801	R-13	958.3	05/14/2018	WG	Flow (in gpm)	5.56	gpm	CAMO-18-153989
216605	R-13	958.3	01/19/2018	WG	Flow (in gpm)	5.26	gpm	CAMO-18-150801
303380	R-13	958.3	11/08/2019	WG	Oxidation-Reduction Potential	170.8	mV	CAMO-20-189149
284811	R-13	958.3	07/09/2019	WG	Oxidation-Reduction Potential	171.3	mV	CAMO-19-181827
277120	R-13	958.3	05/09/2019	WG	Oxidation-Reduction Potential	172.2	mV	CAMO-19-175138
260475	R-13	958.3	01/10/2019	WG	Oxidation-Reduction Potential	238.9	mV	CAMO-19-165960
254964	R-13	958.3	11/07/2018	WG	Oxidation-Reduction Potential	252.8	mV	CAMO-19-163976
240742	R-13	958.3	07/13/2018	WG	Oxidation-Reduction Potential	279.1	mV	CAMO-18-159795
234865	R-13	958.3	05/14/2018	WG	Oxidation-Reduction Potential	159.4	mV	CAMO-18-153989
216656	R-13	958.3	01/19/2018	WG	Oxidation-Reduction Potential	189.3	mV	CAMO-18-150801
303382	R-13	958.3	11/08/2019	WG	pH	8.15	SU	CAMO-20-189149
284816	R-13	958.3	07/09/2019	WG	pH	8.29	SU	CAMO-19-181827
277069	R-13	958.3	05/09/2019	WG	pH	8.29	SU	CAMO-19-175138

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Field Matrix	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
260418	R-13	958.3	01/10/2019	WG	pH	8.26	SU	CAMO-19-165960
254910	R-13	958.3	11/07/2018	WG	pH	8.29	SU	CAMO-19-163976
240744	R-13	958.3	07/13/2018	WG	pH	8.15	SU	CAMO-18-159795
234802	R-13	958.3	05/14/2018	WG	pH	8.28	SU	CAMO-18-153989
216658	R-13	958.3	01/19/2018	WG	pH	8.30	SU	CAMO-18-150801
303428	R-13	958.3	11/08/2019	WG	Specific Conductance	143.5	µS/cm	CAMO-20-189149
284812	R-13	958.3	07/09/2019	WG	Specific Conductance	143.9	µS/cm	CAMO-19-181827
277071	R-13	958.3	05/09/2019	WG	Specific Conductance	143.3	µS/cm	CAMO-19-175138
260420	R-13	958.3	01/10/2019	WG	Specific Conductance	143.3	µS/cm	CAMO-19-165960
254912	R-13	958.3	11/07/2018	WG	Specific Conductance	143.5	µS/cm	CAMO-19-163976
240802	R-13	958.3	07/13/2018	WG	Specific Conductance	144.2	µS/cm	CAMO-18-159795
234867	R-13	958.3	05/14/2018	WG	Specific Conductance	144.9	µS/cm	CAMO-18-153989
216660	R-13	958.3	01/19/2018	WG	Specific Conductance	142.5	µS/cm	CAMO-18-150801
303429	R-13	958.3	11/08/2019	WG	Temperature	21.8	deg C	CAMO-20-189149
284813	R-13	958.3	07/09/2019	WG	Temperature	22.3	deg C	CAMO-19-181827
277072	R-13	958.3	05/09/2019	WG	Temperature	21.1	deg C	CAMO-19-175138
260421	R-13	958.3	01/10/2019	WG	Temperature	21.3	deg C	CAMO-19-165960
254913	R-13	958.3	11/07/2018	WG	Temperature	21.3	deg C	CAMO-19-163976
240803	R-13	958.3	07/13/2018	WG	Temperature	22.3	deg C	CAMO-18-159795
234868	R-13	958.3	05/14/2018	WG	Temperature	21.8	deg C	CAMO-18-153989
216661	R-13	958.3	01/19/2018	WG	Temperature	18.8	deg C	CAMO-18-150801
303431	R-13	958.3	11/08/2019	WG	Turbidity	0.12	NTU	CAMO-20-189149
284815	R-13	958.3	07/09/2019	WG	Turbidity	0.27	NTU	CAMO-19-181827
277122	R-13	958.3	05/09/2019	WG	Turbidity	0.58	NTU	CAMO-19-175138
260477	R-13	958.3	01/10/2019	WG	Turbidity	0.55	NTU	CAMO-19-165960
254966	R-13	958.3	11/07/2018	WG	Turbidity	0.56	NTU	CAMO-19-163976
240805	R-13	958.3	07/13/2018	WG	Turbidity	2.20	NTU	CAMO-18-159795

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Field Matrix	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
234870	R-13	958.3	05/14/2018	WG	Turbidity	0.22	NTU	CAMO-18-153989
216608	R-13	958.3	01/19/2018	WG	Turbidity	0.42	NTU	CAMO-18-150801
303448	R-15	958.6	11/08/2019	WG	Dissolved Oxygen	6.94	mg/L	CAMO-20-189152
284818	R-15	958.6	07/09/2019	WG	Dissolved Oxygen	6.92	mg/L	CAMO-19-181829
277229	R-15	958.6	05/09/2019	WG	Dissolved Oxygen	6.77	mg/L	CAMO-19-175140
260780	R-15	958.6	01/11/2019	WG	Dissolved Oxygen	6.75	mg/L	CAMO-19-165962
255082	R-15	958.6	11/07/2018	WG	Dissolved Oxygen	6.87	mg/L	CAMO-19-163978
240921	R-15	958.6	07/13/2018	WG	Dissolved Oxygen	6.76	mg/L	CAMO-18-159799
234970	R-15	958.6	05/14/2018	WG	Dissolved Oxygen	6.70	mg/L	CAMO-18-153991
216937	R-15	958.6	01/22/2018	WG	Dissolved Oxygen	6.70	mg/L	CAMO-18-150805
303447	R-15	958.6	11/08/2019	WG	Flow (in gpm)	7.89	gpm	CAMO-20-189152
284817	R-15	958.6	07/09/2019	WG	Flow (in gpm)	8.11	gpm	CAMO-19-181829
277182	R-15	958.6	05/09/2019	WG	Flow (in gpm)	8.11	gpm	CAMO-19-175140
260779	R-15	958.6	01/11/2019	WG	Flow (in gpm)	7.89	gpm	CAMO-19-165962
255081	R-15	958.6	11/07/2018	WG	Flow (in gpm)	8.33	gpm	CAMO-19-163978
240973	R-15	958.6	07/13/2018	WG	Flow (in gpm)	8.11	gpm	CAMO-18-159799
234969	R-15	958.6	05/14/2018	WG	Flow (in gpm)	8.11	gpm	CAMO-18-153991
216936	R-15	958.6	01/22/2018	WG	Flow (in gpm)	8.12	gpm	CAMO-18-150805
303450	R-15	958.6	11/08/2019	WG	Oxidation-Reduction Potential	129.5	mV	CAMO-20-189152
284820	R-15	958.6	07/09/2019	WG	Oxidation-Reduction Potential	155.6	mV	CAMO-19-181829
277230	R-15	958.6	05/09/2019	WG	Oxidation-Reduction Potential	183.8	mV	CAMO-19-175140
260782	R-15	958.6	01/11/2019	WG	Oxidation-Reduction Potential	207.3	mV	CAMO-19-165962
255084	R-15	958.6	11/07/2018	WG	Oxidation-Reduction Potential	199.3	mV	CAMO-19-163978
240923	R-15	958.6	07/13/2018	WG	Oxidation-Reduction Potential	141.7	mV	CAMO-18-159799
234930	R-15	958.6	05/14/2018	WG	Oxidation-Reduction Potential	123.3	mV	CAMO-18-153991
216973	R-15	958.6	01/22/2018	WG	Oxidation-Reduction Potential	145.2	mV	CAMO-18-150805
303516	R-15	958.6	11/08/2019	WG	pH	8.36	SU	CAMO-20-189152

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Field Matrix	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
284825	R-15	958.6	07/09/2019	WG	pH	8.43	SU	CAMO-19-181829
277184	R-15	958.6	05/09/2019	WG	pH	8.37	SU	CAMO-19-175140
260841	R-15	958.6	01/11/2019	WG	pH	8.36	SU	CAMO-19-165962
255029	R-15	958.6	11/07/2018	WG	pH	8.46	SU	CAMO-19-163978
240925	R-15	958.6	07/13/2018	WG	pH	8.45	SU	CAMO-18-159799
234932	R-15	958.6	05/14/2018	WG	pH	8.36	SU	CAMO-18-153991
216975	R-15	958.6	01/22/2018	WG	pH	8.38	SU	CAMO-18-150805
303518	R-15	958.6	11/08/2019	WG	Specific Conductance	151.2	µS/cm	CAMO-20-189152
284821	R-15	958.6	07/09/2019	WG	Specific Conductance	153.1	µS/cm	CAMO-19-181829
277163	R-15	958.6	05/09/2019	WG	Specific Conductance	151.4	µS/cm	CAMO-19-175140
260843	R-15	958.6	01/11/2019	WG	Specific Conductance	152.7	µS/cm	CAMO-19-165962
255031	R-15	958.6	11/07/2018	WG	Specific Conductance	152.8	µS/cm	CAMO-19-163978
240975	R-15	958.6	07/13/2018	WG	Specific Conductance	157.6	µS/cm	CAMO-18-159799
234973	R-15	958.6	05/14/2018	WG	Specific Conductance	155.8	µS/cm	CAMO-18-153991
216977	R-15	958.6	01/22/2018	WG	Specific Conductance	151.1	µS/cm	CAMO-18-150805
303519	R-15	958.6	11/08/2019	WG	Temperature	19.7	deg C	CAMO-20-189152
284822	R-15	958.6	07/09/2019	WG	Temperature	20.4	deg C	CAMO-19-181829
277186	R-15	958.6	05/09/2019	WG	Temperature	17.0	deg C	CAMO-19-175140
260844	R-15	958.6	01/11/2019	WG	Temperature	19.5	deg C	CAMO-19-165962
255032	R-15	958.6	11/07/2018	WG	Temperature	19.1	deg C	CAMO-19-163978
240976	R-15	958.6	07/13/2018	WG	Temperature	20.5	deg C	CAMO-18-159799
234974	R-15	958.6	05/14/2018	WG	Temperature	20.6	deg C	CAMO-18-153991
216978	R-15	958.6	01/22/2018	WG	Temperature	16.3	deg C	CAMO-18-150805
303452	R-15	958.6	11/08/2019	WG	Turbidity	1.83	NTU	CAMO-20-189152
284824	R-15	958.6	07/09/2019	WG	Turbidity	1.26	NTU	CAMO-19-181829
277164	R-15	958.6	05/09/2019	WG	Turbidity	1.02	NTU	CAMO-19-175140
260846	R-15	958.6	01/11/2019	WG	Turbidity	1.74	NTU	CAMO-19-165962

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Field Matrix	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
255086	R-15	958.6	11/07/2018	WG	Turbidity	1.36	NTU	CAMO-19-163978
240978	R-15	958.6	07/13/2018	WG	Turbidity	1.04	NTU	CAMO-18-159799
234934	R-15	958.6	05/14/2018	WG	Turbidity	1.70	NTU	CAMO-18-153991
216939	R-15	958.6	01/22/2018	WG	Turbidity	0.80	NTU	CAMO-18-150805
302845	R-33 S1[d]	995.5	11/06/2019	WG	Dissolved Oxygen	5.27	mg/L	CAMO-20-189156
284827	R-33 S1	995.5	07/09/2019	WG	Dissolved Oxygen	5.19	mg/L	CAMO-19-181831
280401	R-33 S1	995.5	05/20/2019	WG	Dissolved Oxygen	5.27	mg/L	CAMO-19-175143
260547	R-33 S1	995.5	01/10/2019	WG	Dissolved Oxygen	5.20	mg/L	CAMO-19-165964
254672	R-33 S1	995.5	11/06/2018	WG	Dissolved Oxygen	5.33	mg/L	CAMO-19-163982
240023	R-33 S1	995.5	07/10/2018	WG	Dissolved Oxygen	5.50	mg/L	CAMO-18-159801
233809	R-33 S1	995.5	05/09/2018	WG	Dissolved Oxygen	5.27	mg/L	CAMO-18-153993
217078	R-33 S1	995.5	01/23/2018	WG	Dissolved Oxygen	5.29	mg/L	CAMO-18-150807
302760	R-33 S1	995.5	11/06/2019	WG	Flow (in gpm)	3.13	gpm	CAMO-20-189156
284826	R-33 S1	995.5	07/09/2019	WG	Flow (in gpm)	3.00	gpm	CAMO-19-181831
280400	R-33 S1	995.5	05/20/2019	WG	Flow (in gpm)	3.13	gpm	CAMO-19-175143
260546	R-33 S1	995.5	01/10/2019	WG	Flow (in gpm)	3.19	gpm	CAMO-19-165964
254671	R-33 S1	995.5	11/06/2018	WG	Flow (in gpm)	3.09	gpm	CAMO-19-163982
240022	R-33 S1	995.5	07/10/2018	WG	Flow (in gpm)	3.09	gpm	CAMO-18-159801
233748	R-33 S1	995.5	05/09/2018	WG	Flow (in gpm)	3.26	gpm	CAMO-18-153993
217134	R-33 S1	995.5	01/23/2018	WG	Flow (in gpm)	3.12	gpm	CAMO-18-150807
302847	R-33 S1	995.5	11/06/2019	WG	Oxidation-Reduction Potential	137.1	mV	CAMO-20-189156
284829	R-33 S1	995.5	07/09/2019	WG	Oxidation-Reduction Potential	139.0	mV	CAMO-19-181831
280403	R-33 S1	995.5	05/20/2019	WG	Oxidation-Reduction Potential	110.3	mV	CAMO-19-175143
260595	R-33 S1	995.5	01/10/2019	WG	Oxidation-Reduction Potential	282.5	mV	CAMO-19-165964
254719	R-33 S1	995.5	11/06/2018	WG	Oxidation-Reduction Potential	252.3	mV	CAMO-19-163982
240025	R-33 S1	995.5	07/10/2018	WG	Oxidation-Reduction Potential	217.2	mV	CAMO-18-159801
233811	R-33 S1	995.5	05/09/2018	WG	Oxidation-Reduction Potential	341.0	mV	CAMO-18-153993

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Field Matrix	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
217135	R-33 S1	995.5	01/23/2018	WG	Oxidation-Reduction Potential	156.2	mV	CAMO-18-150807
302849	R-33 S1	995.5	11/06/2019	WG	pH	7.70	SU	CAMO-20-189156
284835	R-33 S1	995.5	07/09/2019	WG	pH	7.68	SU	CAMO-19-181831
280408	R-33 S1	995.5	05/20/2019	WG	pH	7.56	SU	CAMO-19-175143
260597	R-33 S1	995.5	01/10/2019	WG	pH	7.61	SU	CAMO-19-165964
254721	R-33 S1	995.5	11/06/2018	WG	pH	7.60	SU	CAMO-19-163982
240027	R-33 S1	995.5	07/10/2018	WG	pH	7.66	SU	CAMO-18-159801
233813	R-33 S1	995.5	05/09/2018	WG	pH	7.54	SU	CAMO-18-153993
217137	R-33 S1	995.5	01/23/2018	WG	pH	7.64	SU	CAMO-18-150807
302761	R-33 S1	995.5	11/06/2019	WG	Specific Conductance	142.9	µS/cm	CAMO-20-189156
284831	R-33 S1	995.5	07/09/2019	WG	Specific Conductance	143.5	µS/cm	CAMO-19-181831
280404	R-33 S1	995.5	05/20/2019	WG	Specific Conductance	143.1	µS/cm	CAMO-19-175143
260599	R-33 S1	995.5	01/10/2019	WG	Specific Conductance	143.6	µS/cm	CAMO-19-165964
254723	R-33 S1	995.5	11/06/2018	WG	Specific Conductance	143.7	µS/cm	CAMO-19-163982
239967	R-33 S1	995.5	07/10/2018	WG	Specific Conductance	144.7	µS/cm	CAMO-18-159801
233815	R-33 S1	995.5	05/09/2018	WG	Specific Conductance	142.6	µS/cm	CAMO-18-153993
217080	R-33 S1	995.5	01/23/2018	WG	Specific Conductance	142.0	µS/cm	CAMO-18-150807
302762	R-33 S1	995.5	11/06/2019	WG	Temperature	21.0	deg C	CAMO-20-189156
284832	R-33 S1	995.5	07/09/2019	WG	Temperature	21.9	deg C	CAMO-19-181831
280405	R-33 S1	995.5	05/20/2019	WG	Temperature	21.0	deg C	CAMO-19-175143
260600	R-33 S1	995.5	01/10/2019	WG	Temperature	20.7	deg C	CAMO-19-165964
254724	R-33 S1	995.5	11/06/2018	WG	Temperature	21.0	deg C	CAMO-19-163982
239968	R-33 S1	995.5	07/10/2018	WG	Temperature	22.1	deg C	CAMO-18-159801
233749	R-33 S1	995.5	05/09/2018	WG	Temperature	22.0	deg C	CAMO-18-153993
217081	R-33 S1	995.5	01/23/2018	WG	Temperature	19.8	deg C	CAMO-18-150807
302764	R-33 S1	995.5	11/06/2019	WG	Turbidity	0.38	NTU	CAMO-20-189156
284834	R-33 S1	995.5	07/09/2019	WG	Turbidity	0.52	NTU	CAMO-19-181831

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Field Matrix	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
280407	R-33 S1	995.5	05/20/2019	WG	Turbidity	0.31	NTU	CAMO-19-175143
260549	R-33 S1	995.5	01/10/2019	WG	Turbidity	0.92	NTU	CAMO-19-165964
254674	R-33 S1	995.5	11/06/2018	WG	Turbidity	0.65	NTU	CAMO-19-163982
239970	R-33 S1	995.5	07/10/2018	WG	Turbidity	0.39	NTU	CAMO-18-159801
233751	R-33 S1	995.5	05/09/2018	WG	Turbidity	0.20	NTU	CAMO-18-153993
217083	R-33 S1	995.5	01/23/2018	WG	Turbidity	0.16	NTU	CAMO-18-150807
302955	R-33 S2[e]	1112.4	11/06/2019	WG	Dissolved Oxygen	6.56	mg/L	CAMO-20-189159
284837	R-33 S2	1112.4	07/09/2019	WG	Dissolved Oxygen	6.55	mg/L	CAMO-19-181833
279604	R-33 S2	1112.4	05/20/2019	WG	Dissolved Oxygen	6.52	mg/L	CAMO-19-175146
260648	R-33 S2	1112.4	01/10/2019	WG	Dissolved Oxygen	6.54	mg/L	CAMO-19-165968
254842	R-33 S2	1112.4	11/06/2018	WG	Dissolved Oxygen	6.55	mg/L	CAMO-19-163984
240137	R-33 S2	1112.4	07/10/2018	WG	Dissolved Oxygen	6.55	mg/L	CAMO-18-159803
233862	R-33 S2	1112.4	05/09/2018	WG	Dissolved Oxygen	6.54	mg/L	CAMO-18-153995
217326	R-33 S2	1112.4	01/24/2018	WG	Dissolved Oxygen	6.61	mg/L	CAMO-18-150809
302954	R-33 S2	1112.4	11/06/2019	WG	Flow (in gpm)	2.86	gpm	CAMO-20-189159
284836	R-33 S2	1112.4	07/09/2019	WG	Flow (in gpm)	2.88	gpm	CAMO-19-181833
279660	R-33 S2	1112.4	05/20/2019	WG	Flow (in gpm)	3.00	gpm	CAMO-19-175146
260647	R-33 S2	1112.4	01/10/2019	WG	Flow (in gpm)	3.00	gpm	CAMO-19-165968
254841	R-33 S2	1112.4	11/06/2018	WG	Flow (in gpm)	2.86	gpm	CAMO-19-163984
240136	R-33 S2	1112.4	07/10/2018	WG	Flow (in gpm)	2.86	gpm	CAMO-18-159803
233925	R-33 S2	1112.4	05/09/2018	WG	Flow (in gpm)	2.91	gpm	CAMO-18-153995
217325	R-33 S2	1112.4	01/24/2018	WG	Flow (in gpm)	2.91	gpm	CAMO-18-150809
302957	R-33 S2	1112.4	11/06/2019	WG	Oxidation-Reduction Potential	126.6	mV	CAMO-20-189159
284839	R-33 S2	1112.4	07/09/2019	WG	Oxidation-Reduction Potential	135.4	mV	CAMO-19-181833
279606	R-33 S2	1112.4	05/20/2019	WG	Oxidation-Reduction Potential	101.6	mV	CAMO-19-175146
260699	R-33 S2	1112.4	01/10/2019	WG	Oxidation-Reduction Potential	286.6	mV	CAMO-19-165968
254844	R-33 S2	1112.4	11/06/2018	WG	Oxidation-Reduction Potential	242.8	mV	CAMO-19-163984

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Field Matrix	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
240084	R-33 S2	1112.4	07/10/2018	WG	Oxidation-Reduction Potential	206.8	mV	CAMO-18-159803
233864	R-33 S2	1112.4	05/09/2018	WG	Oxidation-Reduction Potential	344.7	mV	CAMO-18-153995
217328	R-33 S2	1112.4	01/24/2018	WG	Oxidation-Reduction Potential	167.6	mV	CAMO-18-150809
302959	R-33 S2	1112.4	11/06/2019	WG	pH	7.81	SU	CAMO-20-189159
284845	R-33 S2	1112.4	07/09/2019	WG	pH	7.93	SU	CAMO-19-181833
279608	R-33 S2	1112.4	05/20/2019	WG	pH	7.64	SU	CAMO-19-175146
260701	R-33 S2	1112.4	01/10/2019	WG	pH	7.76	SU	CAMO-19-165968
254846	R-33 S2	1112.4	11/06/2018	WG	pH	7.71	SU	CAMO-19-163984
240086	R-33 S2	1112.4	07/10/2018	WG	pH	7.76	SU	CAMO-18-159803
233866	R-33 S2	1112.4	05/09/2018	WG	pH	7.66	SU	CAMO-18-153995
217330	R-33 S2	1112.4	01/24/2018	WG	pH	7.79	SU	CAMO-18-150809
302919	R-33 S2	1112.4	11/06/2019	WG	Specific Conductance	138.4	µS/cm	CAMO-20-189159
284841	R-33 S2	1112.4	07/09/2019	WG	Specific Conductance	139.3	µS/cm	CAMO-19-181833
279662	R-33 S2	1112.4	05/20/2019	WG	Specific Conductance	138.7	µS/cm	CAMO-19-175146
260703	R-33 S2	1112.4	01/10/2019	WG	Specific Conductance	139.3	µS/cm	CAMO-19-165968
254790	R-33 S2	1112.4	11/06/2018	WG	Specific Conductance	139.6	µS/cm	CAMO-19-163984
240088	R-33 S2	1112.4	07/10/2018	WG	Specific Conductance	141.1	µS/cm	CAMO-18-159803
233927	R-33 S2	1112.4	05/09/2018	WG	Specific Conductance	138.7	µS/cm	CAMO-18-153995
217281	R-33 S2	1112.4	01/24/2018	WG	Specific Conductance	138.5	µS/cm	CAMO-18-150809
302920	R-33 S2	1112.4	11/06/2019	WG	Temperature	20.9	deg C	CAMO-20-189159
284842	R-33 S2	1112.4	07/09/2019	WG	Temperature	22.2	deg C	CAMO-19-181833
279663	R-33 S2	1112.4	05/20/2019	WG	Temperature	20.8	deg C	CAMO-19-175146
260704	R-33 S2	1112.4	01/10/2019	WG	Temperature	20.4	deg C	CAMO-19-165968
254791	R-33 S2	1112.4	11/06/2018	WG	Temperature	21.3	deg C	CAMO-19-163984
240139	R-33 S2	1112.4	07/10/2018	WG	Temperature	22.5	deg C	CAMO-18-159803
233928	R-33 S2	1112.4	05/09/2018	WG	Temperature	22.1	deg C	CAMO-18-153995
217282	R-33 S2	1112.4	01/24/2018	WG	Temperature	20.8	deg C	CAMO-18-150809

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Field Matrix	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
302922	R-33 S2	1112.4	11/06/2019	WG	Turbidity	0.17	NTU	CAMO-20-189159
284844	R-33 S2	1112.4	07/09/2019	WG	Turbidity	0.91	NTU	CAMO-19-181833
279665	R-33 S2	1112.4	05/20/2019	WG	Turbidity	0.54	NTU	CAMO-19-175146
260650	R-33 S2	1112.4	01/10/2019	WG	Turbidity	0.66	NTU	CAMO-19-165968
254793	R-33 S2	1112.4	11/06/2018	WG	Turbidity	0.72	NTU	CAMO-19-163984
240141	R-33 S2	1112.4	07/10/2018	WG	Turbidity	1.43	NTU	CAMO-18-159803
233930	R-33 S2	1112.4	05/09/2018	WG	Turbidity	0.33	NTU	CAMO-18-153995
217284	R-33 S2	1112.4	01/24/2018	WG	Turbidity	0.65	NTU	CAMO-18-150809
305353	R-35a	1013.1	11/18/2019	WG	Dissolved Oxygen	5.38	mg/L	CASA-20-189210
289264	R-35a	1013.1	08/13/2019	WG	Dissolved Oxygen	5.44	mg/L	CASA-19-184712
286921	R-35a	1013.1	07/19/2019	WG	Dissolved Oxygen	5.45	mg/L	CASA-19-182101
281992	R-35a	1013.1	06/10/2019	WG	Dissolved Oxygen	5.28	mg/L	CASA-19-181664
276825	R-35a	1013.1	05/07/2019	WG	Dissolved Oxygen	5.28	mg/L	CASA-19-175185
274312	R-35a	1013.1	04/16/2019	WG	Dissolved Oxygen	5.16	mg/L	CASA-19-174802
268203	R-35a	1013.1	03/20/2019	WG	Dissolved Oxygen	5.23	mg/L	CASA-19-167688
268583	R-35a	1013.1	02/15/2019	WG	Dissolved Oxygen	5.09	mg/L	CASA-19-166440
263750	R-35a	1013.1	01/16/2019	WG	Dissolved Oxygen	5.17	mg/L	CASA-19-166014
260092	R-35a	1013.1	12/18/2018	WG	Dissolved Oxygen	5.23	mg/L	CASA-19-164845
240504	R-35a	1013.1	07/12/2018	WG	Dissolved Oxygen	5.44	mg/L	CASA-18-159861
234578	R-35a	1013.1	05/11/2018	WG	Dissolved Oxygen	5.23	mg/L	CASA-18-154766
214609	R-35a	1013.1	01/10/2018	WG	Dissolved Oxygen	5.00	mg/L	CASA-18-150811
305351	R-35a	1013.1	11/18/2019	WG	Flow (in gpm)	3.95	gpm	CASA-20-189210
289207	R-35a	1013.1	08/13/2019	WG	Flow (in gpm)	3.70	gpm	CASA-19-184712
286920	R-35a	1013.1	07/19/2019	WG	Flow (in gpm)	3.75	gpm	CASA-19-182101
281991	R-35a	1013.1	06/10/2019	WG	Flow (in gpm)	3.71	gpm	CASA-19-181664
276824	R-35a	1013.1	05/07/2019	WG	Flow (in gpm)	3.89	gpm	CASA-19-175185
274379	R-35a	1013.1	04/16/2019	WG	Flow (in gpm)	3.70	gpm	CASA-19-174802

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Field Matrix	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
268202	R-35a	1013.1	03/20/2019	WG	Flow (in gpm)	3.80	gpm	CASA-19-167688
268582	R-35a	1013.1	02/15/2019	WG	Flow (in gpm)	3.85	gpm	CASA-19-166440
263749	R-35a	1013.1	01/16/2019	WG	Flow (in gpm)	3.75	gpm	CASA-19-166014
260091	R-35a	1013.1	12/18/2018	WG	Flow (in gpm)	3.89	gpm	CASA-19-164845
240503	R-35a	1013.1	07/12/2018	WG	Flow (in gpm)	3.75	gpm	CASA-18-159861
234577	R-35a	1013.1	05/11/2018	WG	Flow (in gpm)	3.89	gpm	CASA-18-154766
214608	R-35a	1013.1	01/10/2018	WG	Flow (in gpm)	3.75	gpm	CASA-18-150811
305329	R-35a	1013.1	11/18/2019	WG	Oxidation-Reduction Potential	163.1	mV	CASA-20-189210
289266	R-35a	1013.1	08/13/2019	WG	Oxidation-Reduction Potential	170.4	mV	CASA-19-184712
286970	R-35a	1013.1	07/19/2019	WG	Oxidation-Reduction Potential	167.5	mV	CASA-19-182101
281993	R-35a	1013.1	06/10/2019	WG	Oxidation-Reduction Potential	265.7	mV	CASA-19-181664
276772	R-35a	1013.1	05/07/2019	WG	Oxidation-Reduction Potential	176.8	mV	CASA-19-175185
274314	R-35a	1013.1	04/16/2019	WG	Oxidation-Reduction Potential	265.5	mV	CASA-19-174802
268205	R-35a	1013.1	03/20/2019	WG	Oxidation-Reduction Potential	198.1	mV	CASA-19-167688
268585	R-35a	1013.1	02/15/2019	WG	Oxidation-Reduction Potential	222.7	mV	CASA-19-166440
263752	R-35a	1013.1	01/16/2019	WG	Oxidation-Reduction Potential	199.3	mV	CASA-19-166014
260094	R-35a	1013.1	12/18/2018	WG	Oxidation-Reduction Potential	308.2	mV	CASA-19-164845
240548	R-35a	1013.1	07/12/2018	WG	Oxidation-Reduction Potential	297.9	mV	CASA-18-159861
234580	R-35a	1013.1	05/11/2018	WG	Oxidation-Reduction Potential	301.3	mV	CASA-18-154766
214611	R-35a	1013.1	01/10/2018	WG	Oxidation-Reduction Potential	174.5	mV	CASA-18-150811
305331	R-35a	1013.1	11/18/2019	WG	pH	8.02	SU	CASA-20-189210
289268	R-35a	1013.1	08/13/2019	WG	pH	8.00	SU	CASA-19-184712
286972	R-35a	1013.1	07/19/2019	WG	pH	8.41	SU	CASA-19-182101
281995	R-35a	1013.1	06/10/2019	WG	pH	7.92	SU	CASA-19-181664
276774	R-35a	1013.1	05/07/2019	WG	pH	8.03	SU	CASA-19-175185
274316	R-35a	1013.1	04/16/2019	WG	pH	8.06	SU	CASA-19-174802
268185	R-35a	1013.1	03/20/2019	WG	pH	7.96	SU	CASA-19-167688

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Field Matrix	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
268591	R-35a	1013.1	02/15/2019	WG	pH	8.00	SU	CASA-19-166440
263758	R-35a	1013.1	01/16/2019	WG	pH	8.02	SU	CASA-19-166014
260101	R-35a	1013.1	12/18/2018	WG	pH	7.88	SU	CASA-19-164845
240550	R-35a	1013.1	07/12/2018	WG	pH	7.88	SU	CASA-18-159861
234582	R-35a	1013.1	05/11/2018	WG	pH	7.92	SU	CASA-18-154766
214613	R-35a	1013.1	01/10/2018	WG	pH	8.01	SU	CASA-18-150811
305333	R-35a	1013.1	11/18/2019	WG	Specific Conductance	239.8	µS/cm	CASA-20-189210
289270	R-35a	1013.1	08/13/2019	WG	Specific Conductance	240.0	µS/cm	CASA-19-184712
286974	R-35a	1013.1	07/19/2019	WG	Specific Conductance	242.2	µS/cm	CASA-19-182101
282039	R-35a	1013.1	06/10/2019	WG	Specific Conductance	238.8	µS/cm	CASA-19-181664
276826	R-35a	1013.1	05/07/2019	WG	Specific Conductance	241.8	µS/cm	CASA-19-175185
274381	R-35a	1013.1	04/16/2019	WG	Specific Conductance	240.5	µS/cm	CASA-19-174802
268187	R-35a	1013.1	03/20/2019	WG	Specific Conductance	241.0	µS/cm	CASA-19-167688
268587	R-35a	1013.1	02/15/2019	WG	Specific Conductance	242.0	µS/cm	CASA-19-166440
263754	R-35a	1013.1	01/16/2019	WG	Specific Conductance	241.4	µS/cm	CASA-19-166014
260097	R-35a	1013.1	12/18/2018	WG	Specific Conductance	240.6	µS/cm	CASA-19-164845
240552	R-35a	1013.1	07/12/2018	WG	Specific Conductance	244.0	µS/cm	CASA-18-159861
234527	R-35a	1013.1	05/11/2018	WG	Specific Conductance	240.1	µS/cm	CASA-18-154766
214523	R-35a	1013.1	01/10/2018	WG	Specific Conductance	241.4	µS/cm	CASA-18-150811
305316	R-35a	1013.1	11/18/2019	WG	Temperature	23.8	deg C	CASA-20-189210
289208	R-35a	1013.1	08/13/2019	WG	Temperature	24.9	deg C	CASA-19-184712
286975	R-35a	1013.1	07/19/2019	WG	Temperature	25.5	deg C	CASA-19-182101
282040	R-35a	1013.1	06/10/2019	WG	Temperature	24.5	deg C	CASA-19-181664
276827	R-35a	1013.1	05/07/2019	WG	Temperature	24.2	deg C	CASA-19-175185
274382	R-35a	1013.1	04/16/2019	WG	Temperature	24.7	deg C	CASA-19-174802
268188	R-35a	1013.1	03/20/2019	WG	Temperature	24.0	deg C	CASA-19-167688
268588	R-35a	1013.1	02/15/2019	WG	Temperature	23.7	deg C	CASA-19-166440

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Field Matrix	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
263755	R-35a	1013.1	01/16/2019	WG	Temperature	23.0	deg C	CASA-19-166014
260098	R-35a	1013.1	12/18/2018	WG	Temperature	20.7	deg C	CASA-19-164845
240553	R-35a	1013.1	07/12/2018	WG	Temperature	25.0	deg C	CASA-18-159861
234528	R-35a	1013.1	05/11/2018	WG	Temperature	24.4	deg C	CASA-18-154766
214524	R-35a	1013.1	01/10/2018	WG	Temperature	23.2	deg C	CASA-18-150811
305352	R-35a	1013.1	11/18/2019	WG	Turbidity	0.30	NTU	CASA-20-189210
289210	R-35a	1013.1	08/13/2019	WG	Turbidity	0.48	NTU	CASA-19-184712
286923	R-35a	1013.1	07/19/2019	WG	Turbidity	0.66	NTU	CASA-19-182101
282042	R-35a	1013.1	06/10/2019	WG	Turbidity	0.35	NTU	CASA-19-181664
276829	R-35a	1013.1	05/07/2019	WG	Turbidity	0.47	NTU	CASA-19-175185
274384	R-35a	1013.1	04/16/2019	WG	Turbidity	0.46	NTU	CASA-19-174802
268207	R-35a	1013.1	03/20/2019	WG	Turbidity	0.59	NTU	CASA-19-167688
268590	R-35a	1013.1	02/15/2019	WG	Turbidity	0.84	NTU	CASA-19-166440
263757	R-35a	1013.1	01/16/2019	WG	Turbidity	0.79	NTU	CASA-19-166014
260100	R-35a	1013.1	12/18/2018	WG	Turbidity	0.63	NTU	CASA-19-164845
240506	R-35a	1013.1	07/12/2018	WG	Turbidity	0.54	NTU	CASA-18-159861
234530	R-35a	1013.1	05/11/2018	WG	Turbidity	0.48	NTU	CASA-18-154766
214526	R-35a	1013.1	01/10/2018	WG	Turbidity	0.51	NTU	CASA-18-150811
305158	R-35b	825.4	11/18/2019	WG	Dissolved Oxygen	5.80	mg/L	CASA-20-189213
293294	R-35b	825.4	09/16/2019	WG	Dissolved Oxygen	6.01	mg/L	CASA-19-186507
289587	R-35b	825.4	08/14/2019	WG	Dissolved Oxygen	5.91	mg/L	CASA-19-184715
285612	R-35b	825.4	07/12/2019	WG	Dissolved Oxygen	5.16	mg/L	CASA-19-182705
283126	R-35b	825.4	06/14/2019	WG	Dissolved Oxygen	5.95	mg/L	CASA-19-181672
276717	R-35b	825.4	05/07/2019	WG	Dissolved Oxygen	6.07	mg/L	CASA-19-175190
274514	R-35b	825.4	04/17/2019	WG	Dissolved Oxygen	5.92	mg/L	CASA-19-174809
268242	R-35b	825.4	03/20/2019	WG	Dissolved Oxygen	6.06	mg/L	CASA-19-167693
262794	R-35b	825.4	01/17/2019	WG	Dissolved Oxygen	6.04	mg/L	CASA-19-166016

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Field Matrix	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
260103	R-35b	825.4	12/18/2018	WG	Dissolved Oxygen	6.08	mg/L	CASA-19-164848
257518	R-35b	825.4	11/16/2018	WG	Dissolved Oxygen	5.95	mg/L	CASA-19-164024
253666	R-35b	825.4	11/01/2018	WG	Dissolved Oxygen	6.03	mg/L	CASA-19-163707
240695	R-35b	825.4	07/12/2018	WG	Dissolved Oxygen	5.94	mg/L	CASA-18-159863
305192	R-35b	825.4	11/18/2019	WG	Flow (in gpm)	3.16	gpm	CASA-20-189213
293293	R-35b	825.4	09/16/2019	WG	Flow (in gpm)	2.94	gpm	CASA-19-186507
289586	R-35b	825.4	08/14/2019	WG	Flow (in gpm)	2.94	gpm	CASA-19-184715
285611	R-35b	825.4	07/12/2019	WG	Flow (in gpm)	2.94	gpm	CASA-19-182705
283183	R-35b	825.4	06/14/2019	WG	Flow (in gpm)	2.86	gpm	CASA-19-181672
276716	R-35b	825.4	05/07/2019	WG	Flow (in gpm)	2.88	gpm	CASA-19-175190
274513	R-35b	825.4	04/17/2019	WG	Flow (in gpm)	2.83	gpm	CASA-19-174809
268241	R-35b	825.4	03/20/2019	WG	Flow (in gpm)	3.13	gpm	CASA-19-167693
262793	R-35b	825.4	01/17/2019	WG	Flow (in gpm)	3.09	gpm	CASA-19-166016
260102	R-35b	825.4	12/18/2018	WG	Flow (in gpm)	3.16	gpm	CASA-19-164848
257517	R-35b	825.4	11/16/2018	WG	Flow (in gpm)	3.09	gpm	CASA-19-164024
253665	R-35b	825.4	11/01/2018	WG	Flow (in gpm)	3.16	gpm	CASA-19-163707
240694	R-35b	825.4	07/12/2018	WG	Flow (in gpm)	3.06	gpm	CASA-18-159863
305160	R-35b	825.4	11/18/2019	WG	Oxidation-Reduction Potential	216.8	mV	CASA-20-189213
293296	R-35b	825.4	09/16/2019	WG	Oxidation-Reduction Potential	152.8	mV	CASA-19-186507
289589	R-35b	825.4	08/14/2019	WG	Oxidation-Reduction Potential	175.6	mV	CASA-19-184715
285614	R-35b	825.4	07/12/2019	WG	Oxidation-Reduction Potential	146.8	mV	CASA-19-182705
283128	R-35b	825.4	06/14/2019	WG	Oxidation-Reduction Potential	244.8	mV	CASA-19-181672
276719	R-35b	825.4	05/07/2019	WG	Oxidation-Reduction Potential	166.1	mV	CASA-19-175190
274575	R-35b	825.4	04/17/2019	WG	Oxidation-Reduction Potential	265.4	mV	CASA-19-174809
268244	R-35b	825.4	03/20/2019	WG	Oxidation-Reduction Potential	204.0	mV	CASA-19-167693
262796	R-35b	825.4	01/17/2019	WG	Oxidation-Reduction Potential	203.1	mV	CASA-19-166016
260105	R-35b	825.4	12/18/2018	WG	Oxidation-Reduction Potential	345.4	mV	CASA-19-164848

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Field Matrix	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
257520	R-35b	825.4	11/16/2018	WG	Oxidation-Reduction Potential	343.8	mV	CASA-19-164024
253610	R-35b	825.4	11/01/2018	WG	Oxidation-Reduction Potential	318.9	mV	CASA-19-163707
240636	R-35b	825.4	07/12/2018	WG	Oxidation-Reduction Potential	169.1	mV	CASA-18-159863
305162	R-35b	825.4	11/18/2019	WG	pH	7.81	SU	CASA-20-189213
293298	R-35b	825.4	09/16/2019	WG	pH	7.79	SU	CASA-19-186507
289645	R-35b	825.4	08/14/2019	WG	pH	7.84	SU	CASA-19-184715
285618	R-35b	825.4	07/12/2019	WG	pH	7.79	SU	CASA-19-182705
283130	R-35b	825.4	06/14/2019	WG	pH	7.82	SU	CASA-19-181672
276665	R-35b	825.4	05/07/2019	WG	pH	7.73	SU	CASA-19-175190
274515	R-35b	825.4	04/17/2019	WG	pH	7.81	SU	CASA-19-174809
268246	R-35b	825.4	03/20/2019	WG	pH	7.72	SU	CASA-19-167693
262854	R-35b	825.4	01/17/2019	WG	pH	7.72	SU	CASA-19-166016
260112	R-35b	825.4	12/18/2018	WG	pH	7.70	SU	CASA-19-164848
257526	R-35b	825.4	11/16/2018	WG	pH	7.66	SU	CASA-19-164024
253612	R-35b	825.4	11/01/2018	WG	pH	7.57	SU	CASA-19-163707
240638	R-35b	825.4	07/12/2018	WG	pH	7.52	SU	CASA-18-159863
305164	R-35b	825.4	11/18/2019	WG	Specific Conductance	170.3	µS/cm	CASA-20-189213
293333	R-35b	825.4	09/16/2019	WG	Specific Conductance	170.9	µS/cm	CASA-19-186507
289647	R-35b	825.4	08/14/2019	WG	Specific Conductance	170.6	µS/cm	CASA-19-184715
285615	R-35b	825.4	07/12/2019	WG	Specific Conductance	170.8	µS/cm	CASA-19-182705
283185	R-35b	825.4	06/14/2019	WG	Specific Conductance	170.1	µS/cm	CASA-19-181672
276667	R-35b	825.4	05/07/2019	WG	Specific Conductance	169.9	µS/cm	CASA-19-175190
274517	R-35b	825.4	04/17/2019	WG	Specific Conductance	168.8	µS/cm	CASA-19-174809
268226	R-35b	825.4	03/20/2019	WG	Specific Conductance	169.3	µS/cm	CASA-19-167693
262856	R-35b	825.4	01/17/2019	WG	Specific Conductance	170.8	µS/cm	CASA-19-166016
260108	R-35b	825.4	12/18/2018	WG	Specific Conductance	171.2	µS/cm	CASA-19-164848
257522	R-35b	825.4	11/16/2018	WG	Specific Conductance	171.3	µS/cm	CASA-19-164024

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Field Matrix	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
253614	R-35b	825.4	11/01/2018	WG	Specific Conductance	171.7	µS/cm	CASA-19-163707
240640	R-35b	825.4	07/12/2018	WG	Specific Conductance	173.3	µS/cm	CASA-18-159863
305193	R-35b	825.4	11/18/2019	WG	Temperature	21.2	deg C	CASA-20-189213
293334	R-35b	825.4	09/16/2019	WG	Temperature	21.5	deg C	CASA-19-186507
289648	R-35b	825.4	08/14/2019	WG	Temperature	21.9	deg C	CASA-19-184715
285616	R-35b	825.4	07/12/2019	WG	Temperature	22.4	deg C	CASA-19-182705
283186	R-35b	825.4	06/14/2019	WG	Temperature	22.0	deg C	CASA-19-181672
276668	R-35b	825.4	05/07/2019	WG	Temperature	21.5	deg C	CASA-19-175190
274577	R-35b	825.4	04/17/2019	WG	Temperature	21.1	deg C	CASA-19-174809
268227	R-35b	825.4	03/20/2019	WG	Temperature	20.2	deg C	CASA-19-167693
262857	R-35b	825.4	01/17/2019	WG	Temperature	20.9	deg C	CASA-19-166016
260109	R-35b	825.4	12/18/2018	WG	Temperature	21.2	deg C	CASA-19-164848
257523	R-35b	825.4	11/16/2018	WG	Temperature	21.2	deg C	CASA-19-164024
253668	R-35b	825.4	11/01/2018	WG	Temperature	20.3	deg C	CASA-19-163707
240697	R-35b	825.4	07/12/2018	WG	Temperature	22.3	deg C	CASA-18-159863
305195	R-35b	825.4	11/18/2019	WG	Turbidity	0.32	NTU	CASA-20-189213
293336	R-35b	825.4	09/16/2019	WG	Turbidity	0.45	NTU	CASA-19-186507
289650	R-35b	825.4	08/14/2019	WG	Turbidity	0.58	NTU	CASA-19-184715
285617	R-35b	825.4	07/12/2019	WG	Turbidity	0.58	NTU	CASA-19-182705
283188	R-35b	825.4	06/14/2019	WG	Turbidity	0.15	NTU	CASA-19-181672
276721	R-35b	825.4	05/07/2019	WG	Turbidity	0.57	NTU	CASA-19-175190
274579	R-35b	825.4	04/17/2019	WG	Turbidity	0.47	NTU	CASA-19-174809
268229	R-35b	825.4	03/20/2019	WG	Turbidity	0.57	NTU	CASA-19-167693
262859	R-35b	825.4	01/17/2019	WG	Turbidity	0.53	NTU	CASA-19-166016
260111	R-35b	825.4	12/18/2018	WG	Turbidity	0.60	NTU	CASA-19-164848
257525	R-35b	825.4	11/16/2018	WG	Turbidity	0.22	NTU	CASA-19-164024
253670	R-35b	825.4	11/01/2018	WG	Turbidity	0.32	NTU	CASA-19-163707

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Field Matrix	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
240699	R-35b	825.4	07/12/2018	WG	Turbidity	0.32	NTU	CASA-18-159863
302651	R-36	766.9	11/06/2019	WG	Dissolved Oxygen	5.61	mg/L	CASA-20-189216
284883	R-36	766.9	07/11/2019	WG	Dissolved Oxygen	5.67	mg/L	CASA-19-182707
276935	R-36	766.9	05/08/2019	WG	Dissolved Oxygen	5.58	mg/L	CASA-19-175193
263629	R-36	766.9	01/18/2019	WG	Dissolved Oxygen	5.63	mg/L	CASA-19-165999
256587	R-36	766.9	11/14/2018	WG	Dissolved Oxygen	5.67	mg/L	CASA-19-164026
240405	R-36	766.9	07/11/2018	WG	Dissolved Oxygen	5.59	mg/L	CASA-18-159865
234502	R-36	766.9	05/11/2018	WG	Dissolved Oxygen	5.61	mg/L	CASA-18-154770
214507	R-36	766.9	01/09/2018	WG	Dissolved Oxygen	5.63	mg/L	CASA-18-150815
302691	R-36	766.9	11/06/2019	WG	Flow (in gpm)	3.45	gpm	CASA-20-189216
284882	R-36	766.9	07/11/2019	WG	Flow (in gpm)	3.33	gpm	CASA-19-182707
276934	R-36	766.9	05/08/2019	WG	Flow (in gpm)	3.33	gpm	CASA-19-175193
263628	R-36	766.9	01/18/2019	WG	Flow (in gpm)	3.33	gpm	CASA-19-165999
256586	R-36	766.9	11/14/2018	WG	Flow (in gpm)	3.49	gpm	CASA-19-164026
240404	R-36	766.9	07/11/2018	WG	Flow (in gpm)	3.29	gpm	CASA-18-159865
234501	R-36	766.9	05/11/2018	WG	Flow (in gpm)	3.49	gpm	CASA-18-154770
214506	R-36	766.9	01/09/2018	WG	Flow (in gpm)	3.41	gpm	CASA-18-150815
302653	R-36	766.9	11/06/2019	WG	Oxidation-Reduction Potential	173.0	mV	CASA-20-189216
284885	R-36	766.9	07/11/2019	WG	Oxidation-Reduction Potential	147.1	mV	CASA-19-182707
276937	R-36	766.9	05/08/2019	WG	Oxidation-Reduction Potential	171.6	mV	CASA-19-175193
263679	R-36	766.9	01/18/2019	WG	Oxidation-Reduction Potential	215.9	mV	CASA-19-165999
256589	R-36	766.9	11/14/2018	WG	Oxidation-Reduction Potential	234.1	mV	CASA-19-164026
240442	R-36	766.9	07/11/2018	WG	Oxidation-Reduction Potential	259.0	mV	CASA-18-159865
234504	R-36	766.9	05/11/2018	WG	Oxidation-Reduction Potential	158.0	mV	CASA-18-154770
214509	R-36	766.9	01/09/2018	WG	Oxidation-Reduction Potential	167.0	mV	CASA-18-150815
302655	R-36	766.9	11/06/2019	WG	pH	7.43	SU	CASA-20-189216
284899	R-36	766.9	07/11/2019	WG	pH	7.13	SU	CASA-19-182707

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Field Matrix	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
276877	R-36	766.9	05/08/2019	WG	pH	7.37	SU	CASA-19-175193
263681	R-36	766.9	01/18/2019	WG	pH	7.40	SU	CASA-19-165999
256540	R-36	766.9	11/14/2018	WG	pH	7.37	SU	CASA-19-164026
240444	R-36	766.9	07/11/2018	WG	pH	7.34	SU	CASA-18-159865
234447	R-36	766.9	05/11/2018	WG	pH	7.28	SU	CASA-18-154770
214511	R-36	766.9	01/09/2018	WG	pH	7.41	SU	CASA-18-150815
302693	R-36	766.9	11/06/2019	WG	Specific Conductance	191.9	µS/cm	CASA-20-189216
284901	R-36	766.9	07/11/2019	WG	Specific Conductance	192.0	µS/cm	CASA-19-182707
276879	R-36	766.9	05/08/2019	WG	Specific Conductance	192.2	µS/cm	CASA-19-175193
263683	R-36	766.9	01/18/2019	WG	Specific Conductance	192.2	µS/cm	CASA-19-165999
256542	R-36	766.9	11/14/2018	WG	Specific Conductance	192.2	µS/cm	CASA-19-164026
240446	R-36	766.9	07/11/2018	WG	Specific Conductance	193.6	µS/cm	CASA-18-159865
234449	R-36	766.9	05/11/2018	WG	Specific Conductance	191.3	µS/cm	CASA-18-154770
214456	R-36	766.9	01/09/2018	WG	Specific Conductance	187.2	µS/cm	CASA-18-150815
302694	R-36	766.9	11/06/2019	WG	Temperature	20.2	deg C	CASA-20-189216
284902	R-36	766.9	07/11/2019	WG	Temperature	21.0	deg C	CASA-19-182707
276880	R-36	766.9	05/08/2019	WG	Temperature	20.7	deg C	CASA-19-175193
263684	R-36	766.9	01/18/2019	WG	Temperature	19.7	deg C	CASA-19-165999
256543	R-36	766.9	11/14/2018	WG	Temperature	19.0	deg C	CASA-19-164026
240447	R-36	766.9	07/11/2018	WG	Temperature	21.4	deg C	CASA-18-159865
234450	R-36	766.9	05/11/2018	WG	Temperature	21.3	deg C	CASA-18-154770
214457	R-36	766.9	01/09/2018	WG	Temperature	20.7	deg C	CASA-18-150815
302696	R-36	766.9	11/06/2019	WG	Turbidity	0.67	NTU	CASA-20-189216
284887	R-36	766.9	07/11/2019	WG	Turbidity	0.75	NTU	CASA-19-182707
276939	R-36	766.9	05/08/2019	WG	Turbidity	0.76	NTU	CASA-19-175193
263631	R-36	766.9	01/18/2019	WG	Turbidity	0.81	NTU	CASA-19-165999
256591	R-36	766.9	11/14/2018	WG	Turbidity	0.43	NTU	CASA-19-164026

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Field Matrix	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
240407	R-36	766.9	07/11/2018	WG	Turbidity	0.30	NTU	CASA-18-159865
234506	R-36	766.9	05/11/2018	WG	Turbidity	0.10	NTU	CASA-18-154770
214459	R-36	766.9	01/09/2018	WG	Turbidity	0.28	NTU	CASA-18-150815
304503	R-43 S1	903.9	11/14/2019	WG	Dissolved Oxygen	6.91	mg/L	CASA-20-189219
285465	R-43 S1	903.9	07/11/2019	WG	Dissolved Oxygen	7.03	mg/L	CASA-19-182709
277341	R-43 S1	903.9	05/10/2019	WG	Dissolved Oxygen	6.94	mg/L	CASA-19-175195
263779	R-43 S1	903.9	01/18/2019	WG	Dissolved Oxygen	5.82	mg/L	CASA-19-166001
255114	R-43 S1	903.9	11/08/2018	WG	Dissolved Oxygen	6.95	mg/L	CASA-19-164028
241382	R-43 S1	903.9	07/17/2018	WG	Dissolved Oxygen	7.00	mg/L	CASA-18-159871
236616	R-43 S1	903.9	05/21/2018	WG	Dissolved Oxygen	6.90	mg/L	CASA-18-154772
217186	R-43 S1	903.9	01/23/2018	WG	Dissolved Oxygen	6.91	mg/L	CASA-18-150819
304502	R-43 S1	903.9	11/14/2019	WG	Flow (in gpm)	1.58	gpm	CASA-20-189219
285464	R-43 S1	903.9	07/11/2019	WG	Flow (in gpm)	1.46	gpm	CASA-19-182709
277340	R-43 S1	903.9	05/10/2019	WG	Flow (in gpm)	1.46	gpm	CASA-19-175195
263778	R-43 S1	903.9	01/18/2019	WG	Flow (in gpm)	1.20	gpm	CASA-19-166001
255113	R-43 S1	903.9	11/08/2018	WG	Flow (in gpm)	1.59	gpm	CASA-19-164028
241381	R-43 S1	903.9	07/17/2018	WG	Flow (in gpm)	1.54	gpm	CASA-18-159871
236615	R-43 S1	903.9	05/21/2018	WG	Flow (in gpm)	1.60	gpm	CASA-18-154772
217185	R-43 S1	903.9	01/23/2018	WG	Flow (in gpm)	1.55	gpm	CASA-18-150819
304505	R-43 S1	903.9	11/14/2019	WG	Oxidation-Reduction Potential	161.3	mV	CASA-20-189219
285441	R-43 S1	903.9	07/11/2019	WG	Oxidation-Reduction Potential	189.2	mV	CASA-19-182709
277343	R-43 S1	903.9	05/10/2019	WG	Oxidation-Reduction Potential	168.1	mV	CASA-19-175195
263829	R-43 S1	903.9	01/18/2019	WG	Oxidation-Reduction Potential	356.0	mV	CASA-19-166001
255116	R-43 S1	903.9	11/08/2018	WG	Oxidation-Reduction Potential	242.3	mV	CASA-19-164028
241384	R-43 S1	903.9	07/17/2018	WG	Oxidation-Reduction Potential	201.6	mV	CASA-18-159871
236569	R-43 S1	903.9	05/21/2018	WG	Oxidation-Reduction Potential	305.4	mV	CASA-18-154772
217236	R-43 S1	903.9	01/23/2018	WG	Oxidation-Reduction Potential	180.4	mV	CASA-18-150819

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Field Matrix	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
304507	R-43 S1	903.9	11/14/2019	WG	pH	8.26	SU	CASA-20-189219
285443	R-43 S1	903.9	07/11/2019	WG	pH	8.30	SU	CASA-19-182709
277292	R-43 S1	903.9	05/10/2019	WG	pH	8.32	SU	CASA-19-175195
263831	R-43 S1	903.9	01/18/2019	WG	pH	6.65	SU	CASA-19-166001
255118	R-43 S1	903.9	11/08/2018	WG	pH	8.14	SU	CASA-19-164028
241429	R-43 S1	903.9	07/17/2018	WG	pH	8.12	SU	CASA-18-159871
236571	R-43 S1	903.9	05/21/2018	WG	pH	8.05	SU	CASA-18-154772
217188	R-43 S1	903.9	01/23/2018	WG	pH	8.17	SU	CASA-18-150819
304480	R-43 S1	903.9	11/14/2019	WG	Specific Conductance	195.5	µS/cm	CASA-20-189219
285445	R-43 S1	903.9	07/11/2019	WG	Specific Conductance	198.3	µS/cm	CASA-19-182709
277294	R-43 S1	903.9	05/10/2019	WG	Specific Conductance	198.6	µS/cm	CASA-19-175195
263833	R-43 S1	903.9	01/18/2019	WG	Specific Conductance	200.7	µS/cm	CASA-19-166001
255120	R-43 S1	903.9	11/08/2018	WG	Specific Conductance	198.5	µS/cm	CASA-19-164028
241431	R-43 S1	903.9	07/17/2018	WG	Specific Conductance	198.2	µS/cm	CASA-18-159871
236573	R-43 S1	903.9	05/21/2018	WG	Specific Conductance	199.2	µS/cm	CASA-18-154772
217190	R-43 S1	903.9	01/23/2018	WG	Specific Conductance	195.5	µS/cm	CASA-18-150819
304481	R-43 S1	903.9	11/14/2019	WG	Temperature	19.2	deg C	CASA-20-189219
285446	R-43 S1	903.9	07/11/2019	WG	Temperature	20.4	deg C	CASA-19-182709
277295	R-43 S1	903.9	05/10/2019	WG	Temperature	19.1	deg C	CASA-19-175195
263834	R-43 S1	903.9	01/18/2019	WG	Temperature	16.3	deg C	CASA-19-166001
255121	R-43 S1	903.9	11/08/2018	WG	Temperature	18.6	deg C	CASA-19-164028
241432	R-43 S1	903.9	07/17/2018	WG	Temperature	20.2	deg C	CASA-18-159871
236618	R-43 S1	903.9	05/21/2018	WG	Temperature	19.8	deg C	CASA-18-154772
217238	R-43 S1	903.9	01/23/2018	WG	Temperature	18.8	deg C	CASA-18-150819
304483	R-43 S1	903.9	11/14/2019	WG	Turbidity	0.95	NTU	CASA-20-189219
285467	R-43 S1	903.9	07/11/2019	WG	Turbidity	0.78	NTU	CASA-19-182709
277345	R-43 S1	903.9	05/10/2019	WG	Turbidity	0.55	NTU	CASA-19-175195

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Field Matrix	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
263781	R-43 S1	903.9	01/18/2019	WG	Turbidity	2.42	NTU	CASA-19-166001
255171	R-43 S1	903.9	11/08/2018	WG	Turbidity	0.77	NTU	CASA-19-164028
241434	R-43 S1	903.9	07/17/2018	WG	Turbidity	0.47	NTU	CASA-18-159871
236620	R-43 S1	903.9	05/21/2018	WG	Turbidity	0.25	NTU	CASA-18-154772
217240	R-43 S1	903.9	01/23/2018	WG	Turbidity	0.34	NTU	CASA-18-150819
302629	R-43 S2	969.1	11/05/2019	WG	Dissolved Oxygen	3.53	mg/L	CASA-20-189224
285509	R-43 S2	969.1	07/11/2019	WG	Dissolved Oxygen	3.58	mg/L	CASA-19-182711
279001	R-43 S2	969.1	05/16/2019	WG	Dissolved Oxygen	3.47	mg/L	CASA-19-175197
263952	R-43 S2	969.1	01/22/2019	WG	Dissolved Oxygen	3.47	mg/L	CASA-19-166003
255293	R-43 S2	969.1	11/08/2018	WG	Dissolved Oxygen	3.36	mg/L	CASA-19-164030
243572	R-43 S2	969.1	07/18/2018	WG	Dissolved Oxygen	3.50	mg/L	CASA-18-159874
235909	R-43 S2	969.1	05/17/2018	WG	Dissolved Oxygen	3.45	mg/L	CASA-18-154774
217481	R-43 S2	969.1	01/24/2018	WG	Dissolved Oxygen	3.44	mg/L	CASA-18-150821
302628	R-43 S2	969.1	11/05/2019	WG	Flow (in gpm)	1.43	gpm	CASA-20-189224
285508	R-43 S2	969.1	07/11/2019	WG	Flow (in gpm)	1.60	gpm	CASA-19-182711
278942	R-43 S2	969.1	05/16/2019	WG	Flow (in gpm)	1.52	gpm	CASA-19-175197
263951	R-43 S2	969.1	01/22/2019	WG	Flow (in gpm)	1.22	gpm	CASA-19-166003
255292	R-43 S2	969.1	11/08/2018	WG	Flow (in gpm)	1.60	gpm	CASA-19-164030
243571	R-43 S2	969.1	07/18/2018	WG	Flow (in gpm)	1.46	gpm	CASA-18-159874
235908	R-43 S2	969.1	05/17/2018	WG	Flow (in gpm)	1.39	gpm	CASA-18-154774
217480	R-43 S2	969.1	01/24/2018	WG	Flow (in gpm)	1.44	gpm	CASA-18-150821
302602	R-43 S2	969.1	11/05/2019	WG	Oxidation-Reduction Potential	166.4	mV	CASA-20-189224
285511	R-43 S2	969.1	07/11/2019	WG	Oxidation-Reduction Potential	167.6	mV	CASA-19-182711
279003	R-43 S2	969.1	05/16/2019	WG	Oxidation-Reduction Potential	149.2	mV	CASA-19-175197
263954	R-43 S2	969.1	01/22/2019	WG	Oxidation-Reduction Potential	194.3	mV	CASA-19-166003
255295	R-43 S2	969.1	11/08/2018	WG	Oxidation-Reduction Potential	207.1	mV	CASA-19-164030
243574	R-43 S2	969.1	07/18/2018	WG	Oxidation-Reduction Potential	217.7	mV	CASA-18-159874

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Field Matrix	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
235911	R-43 S2	969.1	05/17/2018	WG	Oxidation-Reduction Potential	174.8	mV	CASA-18-154774
217483	R-43 S2	969.1	01/24/2018	WG	Oxidation-Reduction Potential	152.3	mV	CASA-18-150821
302604	R-43 S2	969.1	11/05/2019	WG	pH	8.79	SU	CASA-20-189224
285513	R-43 S2	969.1	07/11/2019	WG	pH	8.68	SU	CASA-19-182711
279005	R-43 S2	969.1	05/16/2019	WG	pH	8.71	SU	CASA-19-175197
263895	R-43 S2	969.1	01/22/2019	WG	pH	8.65	SU	CASA-19-166003
255240	R-43 S2	969.1	11/08/2018	WG	pH	8.75	SU	CASA-19-164030
243581	R-43 S2	969.1	07/18/2018	WG	pH	8.70	SU	CASA-18-159874
235974	R-43 S2	969.1	05/17/2018	WG	pH	8.68	SU	CASA-18-154774
217485	R-43 S2	969.1	01/24/2018	WG	pH	8.73	SU	CASA-18-150821
302606	R-43 S2	969.1	11/05/2019	WG	Specific Conductance	194.8	µS/cm	CASA-20-189224
285515	R-43 S2	969.1	07/11/2019	WG	Specific Conductance	195.1	µS/cm	CASA-19-182711
279007	R-43 S2	969.1	05/16/2019	WG	Specific Conductance	194.3	µS/cm	CASA-19-175197
263897	R-43 S2	969.1	01/22/2019	WG	Specific Conductance	193.5	µS/cm	CASA-19-166003
255242	R-43 S2	969.1	11/08/2018	WG	Specific Conductance	196.2	µS/cm	CASA-19-164030
243577	R-43 S2	969.1	07/18/2018	WG	Specific Conductance	195.1	µS/cm	CASA-18-159874
235976	R-43 S2	969.1	05/17/2018	WG	Specific Conductance	194.8	µS/cm	CASA-18-154774
217411	R-43 S2	969.1	01/24/2018	WG	Specific Conductance	192.3	µS/cm	CASA-18-150821
302607	R-43 S2	969.1	11/05/2019	WG	Temperature	19.3	deg C	CASA-20-189224
285516	R-43 S2	969.1	07/11/2019	WG	Temperature	20.4	deg C	CASA-19-182711
278943	R-43 S2	969.1	05/16/2019	WG	Temperature	20.1	deg C	CASA-19-175197
263898	R-43 S2	969.1	01/22/2019	WG	Temperature	17.0	deg C	CASA-19-166003
255243	R-43 S2	969.1	11/08/2018	WG	Temperature	19.0	deg C	CASA-19-164030
243578	R-43 S2	969.1	07/18/2018	WG	Temperature	20.5	deg C	CASA-18-159874
235977	R-43 S2	969.1	05/17/2018	WG	Temperature	19.0	deg C	CASA-18-154774
217412	R-43 S2	969.1	01/24/2018	WG	Temperature	18.6	deg C	CASA-18-150821
302631	R-43 S2	969.1	11/05/2019	WG	Turbidity	0.25	NTU	CASA-20-189224

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Field Matrix	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
285518	R-43 S2	969.1	07/11/2019	WG	Turbidity	0.56	NTU	CASA-19-182711
278945	R-43 S2	969.1	05/16/2019	WG	Turbidity	0.44	NTU	CASA-19-175197
263900	R-43 S2	969.1	01/22/2019	WG	Turbidity	0.41	NTU	CASA-19-166003
255297	R-43 S2	969.1	11/08/2018	WG	Turbidity	0.62	NTU	CASA-19-164030
243580	R-43 S2	969.1	07/18/2018	WG	Turbidity	0.19	NTU	CASA-18-159874
235979	R-43 S2	969.1	05/17/2018	WG	Turbidity	0.23	NTU	CASA-18-154774
217414	R-43 S2	969.1	01/24/2018	WG	Turbidity	0.16	NTU	CASA-18-150821
306821	R-44 S1	895.0	11/20/2019	WG	Dissolved Oxygen	6.89	mg/L	CAMO-20-189162
292512	R-44 S1	895.0	09/12/2019	WG	Dissolved Oxygen	7.11	mg/L	CAMO-19-186510
291699	R-44 S1	895.0	08/27/2019	WG	Dissolved Oxygen	7.08	mg/L	CAMO-19-184723
285863	R-44 S1	895.0	07/15/2019	WG	Dissolved Oxygen	6.64	mg/L	CAMO-19-181837
283708	R-44 S1	895.0	06/18/2019	WG	Dissolved Oxygen	6.81	mg/L	CAMO-19-181675
278430	R-44 S1	895.0	05/15/2019	WG	Dissolved Oxygen	6.96	mg/L	CAMO-19-175148
276433	R-44 S1	895.0	04/30/2019	WG	Dissolved Oxygen	7.05	mg/L	CAMO-19-174817
268004	R-44 S1	895.0	03/20/2019	WG	Dissolved Oxygen	7.14	mg/L	CAMO-19-167696
265337	R-44 S1	895.0	02/11/2019	WG	Dissolved Oxygen	7.14	mg/L	CAMO-19-166449
264676	R-44 S1	895.0	01/22/2019	WG	Dissolved Oxygen	7.35	mg/L	CAMO-19-165972
259569	R-44 S1	895.0	12/19/2018	WG	Dissolved Oxygen	7.28	mg/L	CAMO-19-164852
257625	R-44 S1	895.0	11/20/2018	WG	Dissolved Oxygen	7.36	mg/L	CAMO-19-163986
252647	R-44 S1	895.0	10/29/2018	WG	Dissolved Oxygen	7.43	mg/L	CAMO-19-163710
247551	R-44 S1	895.0	09/10/2018	WG	Dissolved Oxygen	7.26	mg/L	CAMO-18-160789
306901	R-44 S1	895.0	11/20/2019	WG	Flow (in gpm)	3.09	gpm	CAMO-20-189162
292511	R-44 S1	895.0	09/12/2019	WG	Flow (in gpm)	3.00	gpm	CAMO-19-186510
291698	R-44 S1	895.0	08/27/2019	WG	Flow (in gpm)	2.91	gpm	CAMO-19-184723
285862	R-44 S1	895.0	07/15/2019	WG	Flow (in gpm)	3.15	gpm	CAMO-19-181837
283707	R-44 S1	895.0	06/18/2019	WG	Flow (in gpm)	2.94	gpm	CAMO-19-181675
278429	R-44 S1	895.0	05/15/2019	WG	Flow (in gpm)	3.06	gpm	CAMO-19-175148

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Field Matrix	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
276432	R-44 S1	895.0	04/30/2019	WG	Flow (in gpm)	3.06	gpm	CAMO-19-174817
267944	R-44 S1	895.0	03/20/2019	WG	Flow (in gpm)	3.23	gpm	CAMO-19-167696
265336	R-44 S1	895.0	02/11/2019	WG	Flow (in gpm)	3.33	gpm	CAMO-19-166449
264608	R-44 S1	895.0	01/22/2019	WG	Flow (in gpm)	3.12	gpm	CAMO-19-165972
259568	R-44 S1	895.0	12/19/2018	WG	Flow (in gpm)	3.19	gpm	CAMO-19-164852
257624	R-44 S1	895.0	11/20/2018	WG	Flow (in gpm)	3.26	gpm	CAMO-19-163986
252646	R-44 S1	895.0	10/29/2018	WG	Flow (in gpm)	3.23	gpm	CAMO-19-163710
247597	R-44 S1	895.0	09/10/2018	WG	Flow (in gpm)	3.12	gpm	CAMO-18-160789
306823	R-44 S1	895.0	11/20/2019	WG	Oxidation-Reduction Potential	75.8	mV	CAMO-20-189162
292514	R-44 S1	895.0	09/12/2019	WG	Oxidation-Reduction Potential	124.8	mV	CAMO-19-186510
291701	R-44 S1	895.0	08/27/2019	WG	Oxidation-Reduction Potential	110.2	mV	CAMO-19-184723
285865	R-44 S1	895.0	07/15/2019	WG	Oxidation-Reduction Potential	133.7	mV	CAMO-19-181837
283710	R-44 S1	895.0	06/18/2019	WG	Oxidation-Reduction Potential	250.5	mV	CAMO-19-181675
278432	R-44 S1	895.0	05/15/2019	WG	Oxidation-Reduction Potential	140.5	mV	CAMO-19-175148
276435	R-44 S1	895.0	04/30/2019	WG	Oxidation-Reduction Potential	236.6	mV	CAMO-19-174817
268006	R-44 S1	895.0	03/20/2019	WG	Oxidation-Reduction Potential	195.6	mV	CAMO-19-167696
265339	R-44 S1	895.0	02/11/2019	WG	Oxidation-Reduction Potential	207.0	mV	CAMO-19-166449
264678	R-44 S1	895.0	01/22/2019	WG	Oxidation-Reduction Potential	303.1	mV	CAMO-19-165972
259571	R-44 S1	895.0	12/19/2018	WG	Oxidation-Reduction Potential	337.3	mV	CAMO-19-164852
257561	R-44 S1	895.0	11/20/2018	WG	Oxidation-Reduction Potential	306.0	mV	CAMO-19-163986
252649	R-44 S1	895.0	10/29/2018	WG	Oxidation-Reduction Potential	268.6	mV	CAMO-19-163710
247553	R-44 S1	895.0	09/10/2018	WG	Oxidation-Reduction Potential	323.9	mV	CAMO-18-160789
306825	R-44 S1	895.0	11/20/2019	WG	pH	7.74	SU	CAMO-20-189162
292565	R-44 S1	895.0	09/12/2019	WG	pH	6.66	SU	CAMO-19-186510
291707	R-44 S1	895.0	08/27/2019	WG	pH	7.57	SU	CAMO-19-184723
285871	R-44 S1	895.0	07/15/2019	WG	pH	7.75	SU	CAMO-19-181837
283769	R-44 S1	895.0	06/18/2019	WG	pH	7.62	SU	CAMO-19-181675

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Field Matrix	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
278504	R-44 S1	895.0	05/15/2019	WG	pH	7.71	SU	CAMO-19-175148
276441	R-44 S1	895.0	04/30/2019	WG	pH	7.73	SU	CAMO-19-174817
267946	R-44 S1	895.0	03/20/2019	WG	pH	7.68	SU	CAMO-19-167696
265341	R-44 S1	895.0	02/11/2019	WG	pH	7.77	SU	CAMO-19-166449
264610	R-44 S1	895.0	01/22/2019	WG	pH	7.73	SU	CAMO-19-165972
259573	R-44 S1	895.0	12/19/2018	WG	pH	7.77	SU	CAMO-19-164852
257563	R-44 S1	895.0	11/20/2018	WG	pH	7.65	SU	CAMO-19-163986
252624	R-44 S1	895.0	10/29/2018	WG	pH	7.69	SU	CAMO-19-163710
247555	R-44 S1	895.0	09/10/2018	WG	pH	7.86	SU	CAMO-18-160789
306902	R-44 S1	895.0	11/20/2019	WG	Specific Conductance	250.9	µS/cm	CAMO-20-189162
292567	R-44 S1	895.0	09/12/2019	WG	Specific Conductance	249.1	µS/cm	CAMO-19-186510
291703	R-44 S1	895.0	08/27/2019	WG	Specific Conductance	251.2	µS/cm	CAMO-19-184723
285867	R-44 S1	895.0	07/15/2019	WG	Specific Conductance	245.1	µS/cm	CAMO-19-181837
283771	R-44 S1	895.0	06/18/2019	WG	Specific Conductance	267.1	µS/cm	CAMO-19-181675
278506	R-44 S1	895.0	05/15/2019	WG	Specific Conductance	240.9	µS/cm	CAMO-19-175148
276437	R-44 S1	895.0	04/30/2019	WG	Specific Conductance	238.8	µS/cm	CAMO-19-174817
268007	R-44 S1	895.0	03/20/2019	WG	Specific Conductance	232.6	µS/cm	CAMO-19-167696
265278	R-44 S1	895.0	02/11/2019	WG	Specific Conductance	219.2	µS/cm	CAMO-19-166449
264679	R-44 S1	895.0	01/22/2019	WG	Specific Conductance	212.0	µS/cm	CAMO-19-165972
259498	R-44 S1	895.0	12/19/2018	WG	Specific Conductance	194.7	µS/cm	CAMO-19-164852
257565	R-44 S1	895.0	11/20/2018	WG	Specific Conductance	178.8	µS/cm	CAMO-19-163986
252626	R-44 S1	895.0	10/29/2018	WG	Specific Conductance	168.0	µS/cm	CAMO-19-163710
247557	R-44 S1	895.0	09/10/2018	WG	Specific Conductance	145.0	µS/cm	CAMO-18-160789
306903	R-44 S1	895.0	11/20/2019	WG	Temperature	20.5	deg C	CAMO-20-189162
292568	R-44 S1	895.0	09/12/2019	WG	Temperature	20.9	deg C	CAMO-19-186510
291704	R-44 S1	895.0	08/27/2019	WG	Temperature	21.0	deg C	CAMO-19-184723
285868	R-44 S1	895.0	07/15/2019	WG	Temperature	21.6	deg C	CAMO-19-181837

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Field Matrix	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
283772	R-44 S1	895.0	06/18/2019	WG	Temperature	21.0	deg C	CAMO-19-181675
278507	R-44 S1	895.0	05/15/2019	WG	Temperature	20.7	deg C	CAMO-19-175148
276438	R-44 S1	895.0	04/30/2019	WG	Temperature	20.2	deg C	CAMO-19-174817
268008	R-44 S1	895.0	03/20/2019	WG	Temperature	20.5	deg C	CAMO-19-167696
265279	R-44 S1	895.0	02/11/2019	WG	Temperature	19.8	deg C	CAMO-19-166449
264680	R-44 S1	895.0	01/22/2019	WG	Temperature	19.9	deg C	CAMO-19-165972
259499	R-44 S1	895.0	12/19/2018	WG	Temperature	19.7	deg C	CAMO-19-164852
257527	R-44 S1	895.0	11/20/2018	WG	Temperature	20.3	deg C	CAMO-19-163986
252627	R-44 S1	895.0	10/29/2018	WG	Temperature	20.6	deg C	CAMO-19-163710
247492	R-44 S1	895.0	09/10/2018	WG	Temperature	20.8	deg C	CAMO-18-160789
306905	R-44 S1	895.0	11/20/2019	WG	Turbidity	0.44	NTU	CAMO-20-189162
292516	R-44 S1	895.0	09/12/2019	WG	Turbidity	4.66	NTU	CAMO-19-186510
291706	R-44 S1	895.0	08/27/2019	WG	Turbidity	3.02	NTU	CAMO-19-184723
285870	R-44 S1	895.0	07/15/2019	WG	Turbidity	0.63	NTU	CAMO-19-181837
283774	R-44 S1	895.0	06/18/2019	WG	Turbidity	0.20	NTU	CAMO-19-181675
278509	R-44 S1	895.0	05/15/2019	WG	Turbidity	0.24	NTU	CAMO-19-175148
276440	R-44 S1	895.0	04/30/2019	WG	Turbidity	0.22	NTU	CAMO-19-174817
268010	R-44 S1	895.0	03/20/2019	WG	Turbidity	0.55	NTU	CAMO-19-167696
265281	R-44 S1	895.0	02/11/2019	WG	Turbidity	0.18	NTU	CAMO-19-166449
264612	R-44 S1	895.0	01/22/2019	WG	Turbidity	0.37	NTU	CAMO-19-165972
259501	R-44 S1	895.0	12/19/2018	WG	Turbidity	0.50	NTU	CAMO-19-164852
257529	R-44 S1	895.0	11/20/2018	WG	Turbidity	1.10	NTU	CAMO-19-163986
252629	R-44 S1	895.0	10/29/2018	WG	Turbidity	0.88	NTU	CAMO-19-163710
247494	R-44 S1	895.0	09/10/2018	WG	Turbidity	2.60	NTU	CAMO-18-160789
306975	R-44 S2	985.3	11/20/2019	WG	Dissolved Oxygen	7.23	mg/L	CAMO-20-189165
292642	R-44 S2	985.3	09/12/2019	WG	Dissolved Oxygen	7.22	mg/L	CAMO-19-186517
291709	R-44 S2	985.3	08/27/2019	WG	Dissolved Oxygen	7.23	mg/L	CAMO-19-184726

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Field Matrix	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
285873	R-44 S2	985.3	07/15/2019	WG	Dissolved Oxygen	7.12	mg/L	CAMO-19-181851
283866	R-44 S2	985.3	06/18/2019	WG	Dissolved Oxygen	7.24	mg/L	CAMO-19-181678
278563	R-44 S2	985.3	05/15/2019	WG	Dissolved Oxygen	7.18	mg/L	CAMO-19-175152
276443	R-44 S2	985.3	04/30/2019	WG	Dissolved Oxygen	7.03	mg/L	CAMO-19-174818
268128	R-44 S2	985.3	03/20/2019	WG	Dissolved Oxygen	7.04	mg/L	CAMO-19-167699
265451	R-44 S2	985.3	02/11/2019	WG	Dissolved Oxygen	7.00	mg/L	CAMO-19-166452
264275	R-44 S2	985.3	01/22/2019	WG	Dissolved Oxygen	7.05	mg/L	CAMO-19-165975
259617	R-44 S2	985.3	12/19/2018	WG	Dissolved Oxygen	7.12	mg/L	CAMO-19-164855
257688	R-44 S2	985.3	11/20/2018	WG	Dissolved Oxygen	7.10	mg/L	CAMO-19-163989
252667	R-44 S2	985.3	10/29/2018	WG	Dissolved Oxygen	6.96	mg/L	CAMO-19-163713
248785	R-44 S2	985.3	09/18/2018	WG	Dissolved Oxygen	7.18	mg/L	CAMO-18-160793
306974	R-44 S2	985.3	11/20/2019	WG	Flow (in gpm)	3.09	gpm	CAMO-20-189165
292681	R-44 S2	985.3	09/12/2019	WG	Flow (in gpm)	3.00	gpm	CAMO-19-186517
291708	R-44 S2	985.3	08/27/2019	WG	Flow (in gpm)	2.97	gpm	CAMO-19-184726
285872	R-44 S2	985.3	07/15/2019	WG	Flow (in gpm)	3.13	gpm	CAMO-19-181851
283865	R-44 S2	985.3	06/18/2019	WG	Flow (in gpm)	3.00	gpm	CAMO-19-181678
278562	R-44 S2	985.3	05/15/2019	WG	Flow (in gpm)	3.13	gpm	CAMO-19-175152
276442	R-44 S2	985.3	04/30/2019	WG	Flow (in gpm)	3.19	gpm	CAMO-19-174818
268094	R-44 S2	985.3	03/20/2019	WG	Flow (in gpm)	3.23	gpm	CAMO-19-167699
265450	R-44 S2	985.3	02/11/2019	WG	Flow (in gpm)	3.19	gpm	CAMO-19-166452
264217	R-44 S2	985.3	01/22/2019	WG	Flow (in gpm)	3.19	gpm	CAMO-19-165975
259616	R-44 S2	985.3	12/19/2018	WG	Flow (in gpm)	3.33	gpm	CAMO-19-164855
257687	R-44 S2	985.3	11/20/2018	WG	Flow (in gpm)	3.30	gpm	CAMO-19-163989
252666	R-44 S2	985.3	10/29/2018	WG	Flow (in gpm)	3.23	gpm	CAMO-19-163713
248784	R-44 S2	985.3	09/18/2018	WG	Flow (in gpm)	3.33	gpm	CAMO-18-160793
306977	R-44 S2	985.3	11/20/2019	WG	Oxidation-Reduction Potential	140.7	mV	CAMO-20-189165
292644	R-44 S2	985.3	09/12/2019	WG	Oxidation-Reduction Potential	154.8	mV	CAMO-19-186517

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Field Matrix	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
291711	R-44 S2	985.3	08/27/2019	WG	Oxidation-Reduction Potential	155.5	mV	CAMO-19-184726
285875	R-44 S2	985.3	07/15/2019	WG	Oxidation-Reduction Potential	147.0	mV	CAMO-19-181851
283936	R-44 S2	985.3	06/18/2019	WG	Oxidation-Reduction Potential	276.0	mV	CAMO-19-181678
278565	R-44 S2	985.3	05/15/2019	WG	Oxidation-Reduction Potential	158.1	mV	CAMO-19-175152
276445	R-44 S2	985.3	04/30/2019	WG	Oxidation-Reduction Potential	259.5	mV	CAMO-19-174818
268130	R-44 S2	985.3	03/20/2019	WG	Oxidation-Reduction Potential	215.6	mV	CAMO-19-167699
265392	R-44 S2	985.3	02/11/2019	WG	Oxidation-Reduction Potential	205.8	mV	CAMO-19-166452
264277	R-44 S2	985.3	01/22/2019	WG	Oxidation-Reduction Potential	315.9	mV	CAMO-19-165975
259619	R-44 S2	985.3	12/19/2018	WG	Oxidation-Reduction Potential	353.6	mV	CAMO-19-164855
257735	R-44 S2	985.3	11/20/2018	WG	Oxidation-Reduction Potential	330.9	mV	CAMO-19-163989
252684	R-44 S2	985.3	10/29/2018	WG	Oxidation-Reduction Potential	287.0	mV	CAMO-19-163713
248786	R-44 S2	985.3	09/18/2018	WG	Oxidation-Reduction Potential	340.0	mV	CAMO-18-160793
307026	R-44 S2	985.3	11/20/2019	WG	pH	7.93	SU	CAMO-20-189165
292646	R-44 S2	985.3	09/12/2019	WG	pH	6.84	SU	CAMO-19-186517
291717	R-44 S2	985.3	08/27/2019	WG	pH	7.84	SU	CAMO-19-184726
285881	R-44 S2	985.3	07/15/2019	WG	pH	7.97	SU	CAMO-19-181851
283938	R-44 S2	985.3	06/18/2019	WG	pH	7.86	SU	CAMO-19-181678
278629	R-44 S2	985.3	05/15/2019	WG	pH	7.90	SU	CAMO-19-175152
276451	R-44 S2	985.3	04/30/2019	WG	pH	7.92	SU	CAMO-19-174818
268095	R-44 S2	985.3	03/20/2019	WG	pH	7.81	SU	CAMO-19-167699
265394	R-44 S2	985.3	02/11/2019	WG	pH	7.92	SU	CAMO-19-166452
264219	R-44 S2	985.3	01/22/2019	WG	pH	7.90	SU	CAMO-19-165975
259670	R-44 S2	985.3	12/19/2018	WG	pH	7.88	SU	CAMO-19-164855
257737	R-44 S2	985.3	11/20/2018	WG	pH	7.79	SU	CAMO-19-163989
252686	R-44 S2	985.3	10/29/2018	WG	pH	7.77	SU	CAMO-19-163713
248792	R-44 S2	985.3	09/18/2018	WG	pH	7.90	SU	CAMO-18-160793
307028	R-44 S2	985.3	11/20/2019	WG	Specific Conductance	136.4	µS/cm	CAMO-20-189165

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Field Matrix	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
292648	R-44 S2	985.3	09/12/2019	WG	Specific Conductance	136.8	µS/cm	CAMO-19-186517
291713	R-44 S2	985.3	08/27/2019	WG	Specific Conductance	136.4	µS/cm	CAMO-19-184726
285877	R-44 S2	985.3	07/15/2019	WG	Specific Conductance	137.3	µS/cm	CAMO-19-181851
283940	R-44 S2	985.3	06/18/2019	WG	Specific Conductance	150.7	µS/cm	CAMO-19-181678
278631	R-44 S2	985.3	05/15/2019	WG	Specific Conductance	137.7	µS/cm	CAMO-19-175152
276447	R-44 S2	985.3	04/30/2019	WG	Specific Conductance	137.8	µS/cm	CAMO-19-174818
268132	R-44 S2	985.3	03/20/2019	WG	Specific Conductance	138.5	µS/cm	CAMO-19-167699
265452	R-44 S2	985.3	02/11/2019	WG	Specific Conductance	137.1	µS/cm	CAMO-19-166452
264278	R-44 S2	985.3	01/22/2019	WG	Specific Conductance	137.3	µS/cm	CAMO-19-165975
259672	R-44 S2	985.3	12/19/2018	WG	Specific Conductance	138.7	µS/cm	CAMO-19-164855
257739	R-44 S2	985.3	11/20/2018	WG	Specific Conductance	138.9	µS/cm	CAMO-19-163989
252688	R-44 S2	985.3	10/29/2018	WG	Specific Conductance	138.8	µS/cm	CAMO-19-163713
248788	R-44 S2	985.3	09/18/2018	WG	Specific Conductance	139.5	µS/cm	CAMO-18-160793
307029	R-44 S2	985.3	11/20/2019	WG	Temperature	20.4	deg C	CAMO-20-189165
292649	R-44 S2	985.3	09/12/2019	WG	Temperature	21.2	deg C	CAMO-19-186517
291714	R-44 S2	985.3	08/27/2019	WG	Temperature	21.1	deg C	CAMO-19-184726
285878	R-44 S2	985.3	07/15/2019	WG	Temperature	21.5	deg C	CAMO-19-181851
283941	R-44 S2	985.3	06/18/2019	WG	Temperature	21.4	deg C	CAMO-19-181678
278632	R-44 S2	985.3	05/15/2019	WG	Temperature	21.1	deg C	CAMO-19-175152
276448	R-44 S2	985.3	04/30/2019	WG	Temperature	21.0	deg C	CAMO-19-174818
268133	R-44 S2	985.3	03/20/2019	WG	Temperature	20.5	deg C	CAMO-19-167699
265453	R-44 S2	985.3	02/11/2019	WG	Temperature	20.2	deg C	CAMO-19-166452
264279	R-44 S2	985.3	01/22/2019	WG	Temperature	19.8	deg C	CAMO-19-165975
259673	R-44 S2	985.3	12/19/2018	WG	Temperature	20.1	deg C	CAMO-19-164855
257740	R-44 S2	985.3	11/20/2018	WG	Temperature	20.5	deg C	CAMO-19-163989
252689	R-44 S2	985.3	10/29/2018	WG	Temperature	21.0	deg C	CAMO-19-163713
248789	R-44 S2	985.3	09/18/2018	WG	Temperature	21.5	deg C	CAMO-18-160793

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Field Matrix	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
306979	R-44 S2	985.3	11/20/2019	WG	Turbidity	0.44	NTU	CAMO-20-189165
292659	R-44 S2	985.3	09/12/2019	WG	Turbidity	0.19	NTU	CAMO-19-186517
291716	R-44 S2	985.3	08/27/2019	WG	Turbidity	0.17	NTU	CAMO-19-184726
285880	R-44 S2	985.3	07/15/2019	WG	Turbidity	0.37	NTU	CAMO-19-181851
283869	R-44 S2	985.3	06/18/2019	WG	Turbidity	0.24	NTU	CAMO-19-181678
278566	R-44 S2	985.3	05/15/2019	WG	Turbidity	0.21	NTU	CAMO-19-175152
276450	R-44 S2	985.3	04/30/2019	WG	Turbidity	3.60	NTU	CAMO-19-174818
268135	R-44 S2	985.3	03/20/2019	WG	Turbidity	0.45	NTU	CAMO-19-167699
265455	R-44 S2	985.3	02/11/2019	WG	Turbidity	0.14	NTU	CAMO-19-166452
264221	R-44 S2	985.3	01/22/2019	WG	Turbidity	0.23	NTU	CAMO-19-165975
259675	R-44 S2	985.3	12/19/2018	WG	Turbidity	0.28	NTU	CAMO-19-164855
257690	R-44 S2	985.3	11/20/2018	WG	Turbidity	0.34	NTU	CAMO-19-163989
252669	R-44 S2	985.3	10/29/2018	WG	Turbidity	2.79	NTU	CAMO-19-163713
248791	R-44 S2	985.3	09/18/2018	WG	Turbidity	0.37	NTU	CAMO-18-160793
295544	R-45 S1	880.0	09/26/2019	WG	Dissolved Oxygen	7.22	mg/L	CAMO-19-186520
285691	R-45 S1	880.0	07/16/2019	WG	Dissolved Oxygen	7.23	mg/L	CAMO-19-181853
282787	R-45 S1	880.0	06/13/2019	WG	Dissolved Oxygen	7.17	mg/L	CAMO-19-181681
278801	R-45 S1	880.0	05/15/2019	WG	Dissolved Oxygen	7.26	mg/L	CAMO-19-175155
276151	R-45 S1	880.0	04/26/2019	WG	Dissolved Oxygen	7.23	mg/L	CAMO-19-174821
266803	R-45 S1	880.0	03/14/2019	WG	Dissolved Oxygen	7.24	mg/L	CAMO-19-167702
265857	R-45 S1	880.0	02/12/2019	WG	Dissolved Oxygen	7.20	mg/L	CAMO-19-166456
263406	R-45 S1	880.0	01/15/2019	WG	Dissolved Oxygen	7.23	mg/L	CAMO-19-165978
259752	R-45 S1	880.0	12/19/2018	WG	Dissolved Oxygen	7.22	mg/L	CAMO-19-164858
257174	R-45 S1	880.0	11/19/2018	WG	Dissolved Oxygen	7.28	mg/L	CAMO-19-163992
253258	R-45 S1	880.0	10/30/2018	WG	Dissolved Oxygen	7.26	mg/L	CAMO-19-163716
249408	R-45 S1	880.0	09/11/2018	WG	Dissolved Oxygen	7.25	mg/L	CAMO-18-160798
295543	R-45 S1	880.0	09/26/2019	WG	Flow (in gpm)	3.16	gpm	CAMO-19-186520

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Field Matrix	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
285690	R-45 S1	880.0	07/16/2019	WG	Flow (in gpm)	3.33	gpm	CAMO-19-181853
282786	R-45 S1	880.0	06/13/2019	WG	Flow (in gpm)	3.13	gpm	CAMO-19-181681
278800	R-45 S1	880.0	05/15/2019	WG	Flow (in gpm)	3.23	gpm	CAMO-19-175155
276150	R-45 S1	880.0	04/26/2019	WG	Flow (in gpm)	3.19	gpm	CAMO-19-174821
266802	R-45 S1	880.0	03/14/2019	WG	Flow (in gpm)	3.41	gpm	CAMO-19-167702
263405	R-45 S1	880.0	01/15/2019	WG	Flow (in gpm)	3.37	gpm	CAMO-19-165978
259751	R-45 S1	880.0	12/19/2018	WG	Flow (in gpm)	3.49	gpm	CAMO-19-164858
257173	R-45 S1	880.0	11/19/2018	WG	Flow (in gpm)	3.37	gpm	CAMO-19-163992
253257	R-45 S1	880.0	10/30/2018	WG	Flow (in gpm)	3.41	gpm	CAMO-19-163716
249463	R-45 S1	880.0	09/11/2018	WG	Flow (in gpm)	3.33	gpm	CAMO-18-160798
295546	R-45 S1	880.0	09/26/2019	WG	Oxidation-Reduction Potential	163.5	mV	CAMO-19-186520
285641	R-45 S1	880.0	07/16/2019	WG	Oxidation-Reduction Potential	162.0	mV	CAMO-19-181853
282789	R-45 S1	880.0	06/13/2019	WG	Oxidation-Reduction Potential	243.9	mV	CAMO-19-181681
278803	R-45 S1	880.0	05/15/2019	WG	Oxidation-Reduction Potential	170.0	mV	CAMO-19-175155
276153	R-45 S1	880.0	04/26/2019	WG	Oxidation-Reduction Potential	240.4	mV	CAMO-19-174821
266891	R-45 S1	880.0	03/14/2019	WG	Oxidation-Reduction Potential	178.1	mV	CAMO-19-167702
265859	R-45 S1	880.0	02/12/2019	WG	Oxidation-Reduction Potential	217.2	mV	CAMO-19-166456
263408	R-45 S1	880.0	01/15/2019	WG	Oxidation-Reduction Potential	311.2	mV	CAMO-19-165978
259754	R-45 S1	880.0	12/19/2018	WG	Oxidation-Reduction Potential	319.8	mV	CAMO-19-164858
257176	R-45 S1	880.0	11/19/2018	WG	Oxidation-Reduction Potential	290.7	mV	CAMO-19-163992
253260	R-45 S1	880.0	10/30/2018	WG	Oxidation-Reduction Potential	317.7	mV	CAMO-19-163716
249410	R-45 S1	880.0	09/11/2018	WG	Oxidation-Reduction Potential	322.7	mV	CAMO-18-160798
295548	R-45 S1	880.0	09/26/2019	WG	pH	7.80	SU	CAMO-19-186520
285643	R-45 S1	880.0	07/16/2019	WG	pH	7.90	SU	CAMO-19-181853
282806	R-45 S1	880.0	06/13/2019	WG	pH	7.79	SU	CAMO-19-181681
278805	R-45 S1	880.0	05/15/2019	WG	pH	7.79	SU	CAMO-19-175155
276081	R-45 S1	880.0	04/26/2019	WG	pH	7.80	SU	CAMO-19-174821

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Field Matrix	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
266893	R-45 S1	880.0	03/14/2019	WG	pH	7.81	SU	CAMO-19-167702
265864	R-45 S1	880.0	02/12/2019	WG	pH	7.83	SU	CAMO-19-166456
263440	R-45 S1	880.0	01/15/2019	WG	pH	7.84	SU	CAMO-19-165978
259756	R-45 S1	880.0	12/19/2018	WG	pH	7.83	SU	CAMO-19-164858
257178	R-45 S1	880.0	11/19/2018	WG	pH	7.83	SU	CAMO-19-163992
253205	R-45 S1	880.0	10/30/2018	WG	pH	7.54	SU	CAMO-19-163716
249412	R-45 S1	880.0	09/11/2018	WG	pH	7.87	SU	CAMO-18-160798
295550	R-45 S1	880.0	09/26/2019	WG	Specific Conductance	176.1	µS/cm	CAMO-19-186520
285692	R-45 S1	880.0	07/16/2019	WG	Specific Conductance	176.6	µS/cm	CAMO-19-181853
282808	R-45 S1	880.0	06/13/2019	WG	Specific Conductance	175.7	µS/cm	CAMO-19-181681
278733	R-45 S1	880.0	05/15/2019	WG	Specific Conductance	177.6	µS/cm	CAMO-19-175155
276083	R-45 S1	880.0	04/26/2019	WG	Specific Conductance	177.0	µS/cm	CAMO-19-174821
266895	R-45 S1	880.0	03/14/2019	WG	Specific Conductance	179.2	µS/cm	CAMO-19-167702
265861	R-45 S1	880.0	02/12/2019	WG	Specific Conductance	180.9	µS/cm	CAMO-19-166456
263442	R-45 S1	880.0	01/15/2019	WG	Specific Conductance	182.9	µS/cm	CAMO-19-165978
259703	R-45 S1	880.0	12/19/2018	WG	Specific Conductance	184.3	µS/cm	CAMO-19-164858
257124	R-45 S1	880.0	11/19/2018	WG	Specific Conductance	186.4	µS/cm	CAMO-19-163992
253207	R-45 S1	880.0	10/30/2018	WG	Specific Conductance	185.6	µS/cm	CAMO-19-163716
249377	R-45 S1	880.0	09/11/2018	WG	Specific Conductance	188.9	µS/cm	CAMO-18-160798
295568	R-45 S1	880.0	09/26/2019	WG	Temperature	21.2	deg C	CAMO-19-186520
285693	R-45 S1	880.0	07/16/2019	WG	Temperature	21.5	deg C	CAMO-19-181853
282809	R-45 S1	880.0	06/13/2019	WG	Temperature	21.4	deg C	CAMO-19-181681
278734	R-45 S1	880.0	05/15/2019	WG	Temperature	21.1	deg C	CAMO-19-175155
276084	R-45 S1	880.0	04/26/2019	WG	Temperature	21.2	deg C	CAMO-19-174821
266896	R-45 S1	880.0	03/14/2019	WG	Temperature	19.8	deg C	CAMO-19-167702
265862	R-45 S1	880.0	02/12/2019	WG	Temperature	20.4	deg C	CAMO-19-166456
263443	R-45 S1	880.0	01/15/2019	WG	Temperature	20.0	deg C	CAMO-19-165978

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Field Matrix	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
259704	R-45 S1	880.0	12/19/2018	WG	Temperature	20.1	deg C	CAMO-19-164858
257125	R-45 S1	880.0	11/19/2018	WG	Temperature	20.6	deg C	CAMO-19-163992
253208	R-45 S1	880.0	10/30/2018	WG	Temperature	20.7	deg C	CAMO-19-163716
249378	R-45 S1	880.0	09/11/2018	WG	Temperature	21.0	deg C	CAMO-18-160798
295570	R-45 S1	880.0	09/26/2019	WG	Turbidity	0.25	NTU	CAMO-19-186520
285695	R-45 S1	880.0	07/16/2019	WG	Turbidity	0.44	NTU	CAMO-19-181853
282811	R-45 S1	880.0	06/13/2019	WG	Turbidity	0.24	NTU	CAMO-19-181681
278736	R-45 S1	880.0	05/15/2019	WG	Turbidity	0.33	NTU	CAMO-19-175155
276155	R-45 S1	880.0	04/26/2019	WG	Turbidity	0.48	NTU	CAMO-19-174821
266810	R-45 S1	880.0	03/14/2019	WG	Turbidity	0.64	NTU	CAMO-19-167702
265863	R-45 S1	880.0	02/12/2019	WG	Turbidity	0.43	NTU	CAMO-19-166456
263445	R-45 S1	880.0	01/15/2019	WG	Turbidity	0.46	NTU	CAMO-19-165978
259706	R-45 S1	880.0	12/19/2018	WG	Turbidity	0.40	NTU	CAMO-19-164858
257127	R-45 S1	880.0	11/19/2018	WG	Turbidity	0.31	NTU	CAMO-19-163992
253262	R-45 S1	880.0	10/30/2018	WG	Turbidity	0.22	NTU	CAMO-19-163716
249380	R-45 S1	880.0	09/11/2018	WG	Turbidity	0.12	NTU	CAMO-18-160798
306342	R-45 S2	974.9	11/19/2019	WG	Dissolved Oxygen	6.46	mg/L	CAMO-20-189171
295711	R-45 S2	974.9	09/26/2019	WG	Dissolved Oxygen	6.51	mg/L	CAMO-19-186526
291689	R-45 S2	974.9	08/23/2019	WG	Dissolved Oxygen	6.56	mg/L	CAMO-19-184732
285827	R-45 S2	974.9	07/16/2019	WG	Dissolved Oxygen	6.30	mg/L	CAMO-19-181856
282884	R-45 S2	974.9	06/13/2019	WG	Dissolved Oxygen	6.14	mg/L	CAMO-19-181688
278886	R-45 S2	974.9	05/15/2019	WG	Dissolved Oxygen	6.29	mg/L	CAMO-19-175162
276249	R-45 S2	974.9	04/26/2019	WG	Dissolved Oxygen	6.36	mg/L	CAMO-19-174824
266920	R-45 S2	974.9	03/14/2019	WG	Dissolved Oxygen	6.41	mg/L	CAMO-19-167705
265865	R-45 S2	974.9	02/12/2019	WG	Dissolved Oxygen	6.42	mg/L	CAMO-19-166459
263741	R-45 S2	974.9	01/08/2019	WG	Dissolved Oxygen	6.48	mg/L	CAMO-19-166028
259933	R-45 S2	974.9	12/19/2018	WG	Dissolved Oxygen	6.42	mg/L	CAMO-19-164861

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Field Matrix	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
257113	R-45 S2	974.9	11/19/2018	WG	Dissolved Oxygen	6.44	mg/L	CAMO-19-163995
249536	R-45 S2	974.9	09/11/2018	WG	Dissolved Oxygen	6.44	mg/L	CAMO-18-160801
244355	R-45 S2	974.9	08/08/2018	WG	Dissolved Oxygen	6.39	mg/L	CAMO-18-160428
306412	R-45 S2	974.9	11/19/2019	WG	Flow (in gpm)	3.09	gpm	CAMO-20-189171
295710	R-45 S2	974.9	09/26/2019	WG	Flow (in gpm)	3.22	gpm	CAMO-19-186526
291688	R-45 S2	974.9	08/23/2019	WG	Flow (in gpm)	3.16	gpm	CAMO-19-184732
285826	R-45 S2	974.9	07/16/2019	WG	Flow (in gpm)	3.33	gpm	CAMO-19-181856
282883	R-45 S2	974.9	06/13/2019	WG	Flow (in gpm)	3.13	gpm	CAMO-19-181688
278885	R-45 S2	974.9	05/15/2019	WG	Flow (in gpm)	3.33	gpm	CAMO-19-175162
276248	R-45 S2	974.9	04/26/2019	WG	Flow (in gpm)	3.19	gpm	CAMO-19-174824
266919	R-45 S2	974.9	03/14/2019	WG	Flow (in gpm)	3.33	gpm	CAMO-19-167705
263740	R-45 S2	974.9	01/08/2019	WG	Flow (in gpm)	3.41	gpm	CAMO-19-166028
259862	R-45 S2	974.9	12/19/2018	WG	Flow (in gpm)	3.37	gpm	CAMO-19-164861
257112	R-45 S2	974.9	11/19/2018	WG	Flow (in gpm)	3.41	gpm	CAMO-19-163995
249535	R-45 S2	974.9	09/11/2018	WG	Flow (in gpm)	3.44	gpm	CAMO-18-160801
244354	R-45 S2	974.9	08/08/2018	WG	Flow (in gpm)	3.33	gpm	CAMO-18-160428
306344	R-45 S2	974.9	11/19/2019	WG	Oxidation-Reduction Potential	221.4	mV	CAMO-20-189171
295596	R-45 S2	974.9	09/26/2019	WG	Oxidation-Reduction Potential	164.3	mV	CAMO-19-186526
291691	R-45 S2	974.9	08/23/2019	WG	Oxidation-Reduction Potential	175.6	mV	CAMO-19-184732
285829	R-45 S2	974.9	07/16/2019	WG	Oxidation-Reduction Potential	160.4	mV	CAMO-19-181856
282886	R-45 S2	974.9	06/13/2019	WG	Oxidation-Reduction Potential	257.1	mV	CAMO-19-181688
278818	R-45 S2	974.9	05/15/2019	WG	Oxidation-Reduction Potential	182.3	mV	CAMO-19-175162
276251	R-45 S2	974.9	04/26/2019	WG	Oxidation-Reduction Potential	262.9	mV	CAMO-19-174824
266943	R-45 S2	974.9	03/14/2019	WG	Oxidation-Reduction Potential	181.0	mV	CAMO-19-167705
265867	R-45 S2	974.9	02/12/2019	WG	Oxidation-Reduction Potential	186.6	mV	CAMO-19-166459
263743	R-45 S2	974.9	01/08/2019	WG	Oxidation-Reduction Potential	306.7	mV	CAMO-19-166028
259935	R-45 S2	974.9	12/19/2018	WG	Oxidation-Reduction Potential	338.5	mV	CAMO-19-164861

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Field Matrix	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
257115	R-45 S2	974.9	11/19/2018	WG	Oxidation-Reduction Potential	317.3	mV	CAMO-19-163995
249538	R-45 S2	974.9	09/11/2018	WG	Oxidation-Reduction Potential	326.3	mV	CAMO-18-160801
244357	R-45 S2	974.9	08/08/2018	WG	Oxidation-Reduction Potential	165.8	mV	CAMO-18-160428
306346	R-45 S2	974.9	11/19/2019	WG	pH	7.92	SU	CAMO-20-189171
295598	R-45 S2	974.9	09/26/2019	WG	pH	8.07	SU	CAMO-19-186526
291697	R-45 S2	974.9	08/23/2019	WG	pH	8.06	SU	CAMO-19-184732
285831	R-45 S2	974.9	07/16/2019	WG	pH	8.18	SU	CAMO-19-181856
282930	R-45 S2	974.9	06/13/2019	WG	pH	8.08	SU	CAMO-19-181688
278820	R-45 S2	974.9	05/15/2019	WG	pH	8.11	SU	CAMO-19-175162
276253	R-45 S2	974.9	04/26/2019	WG	pH	8.12	SU	CAMO-19-174824
266945	R-45 S2	974.9	03/14/2019	WG	pH	8.10	SU	CAMO-19-167705
265872	R-45 S2	974.9	02/12/2019	WG	pH	8.10	SU	CAMO-19-166459
263748	R-45 S2	974.9	01/08/2019	WG	pH	8.07	SU	CAMO-19-166028
259937	R-45 S2	974.9	12/19/2018	WG	pH	8.06	SU	CAMO-19-164861
257117	R-45 S2	974.9	11/19/2018	WG	pH	8.08	SU	CAMO-19-163995
249600	R-45 S2	974.9	09/11/2018	WG	pH	8.12	SU	CAMO-18-160801
244363	R-45 S2	974.9	08/08/2018	WG	pH	8.02	SU	CAMO-18-160428
306414	R-45 S2	974.9	11/19/2019	WG	Specific Conductance	177.7	µS/cm	CAMO-20-189171
295600	R-45 S2	974.9	09/26/2019	WG	Specific Conductance	177.9	µS/cm	CAMO-19-186526
291693	R-45 S2	974.9	08/23/2019	WG	Specific Conductance	352.0	µS/cm	CAMO-19-184732
285765	R-45 S2	974.9	07/16/2019	WG	Specific Conductance	178.2	µS/cm	CAMO-19-181856
282932	R-45 S2	974.9	06/13/2019	WG	Specific Conductance	176.8	µS/cm	CAMO-19-181688
278887	R-45 S2	974.9	05/15/2019	WG	Specific Conductance	178.9	µS/cm	CAMO-19-175162
276189	R-45 S2	974.9	04/26/2019	WG	Specific Conductance	177.7	µS/cm	CAMO-19-174824
266947	R-45 S2	974.9	03/14/2019	WG	Specific Conductance	176.8	µS/cm	CAMO-19-167705
265869	R-45 S2	974.9	02/12/2019	WG	Specific Conductance	176.8	µS/cm	CAMO-19-166459
263745	R-45 S2	974.9	01/08/2019	WG	Specific Conductance	177.4	µS/cm	CAMO-19-166028

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Field Matrix	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
259939	R-45 S2	974.9	12/19/2018	WG	Specific Conductance	176.4	µS/cm	CAMO-19-164861
257094	R-45 S2	974.9	11/19/2018	WG	Specific Conductance	177.1	µS/cm	CAMO-19-163995
249602	R-45 S2	974.9	09/11/2018	WG	Specific Conductance	176.1	µS/cm	CAMO-18-160801
244359	R-45 S2	974.9	08/08/2018	WG	Specific Conductance	176.6	µS/cm	CAMO-18-160428
306415	R-45 S2	974.9	11/19/2019	WG	Temperature	21.3	deg C	CAMO-20-189171
295601	R-45 S2	974.9	09/26/2019	WG	Temperature	21.8	deg C	CAMO-19-186526
291694	R-45 S2	974.9	08/23/2019	WG	Temperature	21.9	deg C	CAMO-19-184732
285766	R-45 S2	974.9	07/16/2019	WG	Temperature	22.3	deg C	CAMO-19-181856
282933	R-45 S2	974.9	06/13/2019	WG	Temperature	22.7	deg C	CAMO-19-181688
278888	R-45 S2	974.9	05/15/2019	WG	Temperature	21.7	deg C	CAMO-19-175162
276190	R-45 S2	974.9	04/26/2019	WG	Temperature	21.5	deg C	CAMO-19-174824
266948	R-45 S2	974.9	03/14/2019	WG	Temperature	20.7	deg C	CAMO-19-167705
265870	R-45 S2	974.9	02/12/2019	WG	Temperature	21.1	deg C	CAMO-19-166459
263746	R-45 S2	974.9	01/08/2019	WG	Temperature	20.7	deg C	CAMO-19-166028
259863	R-45 S2	974.9	12/19/2018	WG	Temperature	21.0	deg C	CAMO-19-164861
257095	R-45 S2	974.9	11/19/2018	WG	Temperature	21.1	deg C	CAMO-19-163995
249603	R-45 S2	974.9	09/11/2018	WG	Temperature	21.8	deg C	CAMO-18-160801
244360	R-45 S2	974.9	08/08/2018	WG	Temperature	21.9	deg C	CAMO-18-160428
306417	R-45 S2	974.9	11/19/2019	WG	Turbidity	0.40	NTU	CAMO-20-189171
295656	R-45 S2	974.9	09/26/2019	WG	Turbidity	0.17	NTU	CAMO-19-186526
291696	R-45 S2	974.9	08/23/2019	WG	Turbidity	0.48	NTU	CAMO-19-184732
285768	R-45 S2	974.9	07/16/2019	WG	Turbidity	0.36	NTU	CAMO-19-181856
282935	R-45 S2	974.9	06/13/2019	WG	Turbidity	0.51	NTU	CAMO-19-181688
278890	R-45 S2	974.9	05/15/2019	WG	Turbidity	3.66	NTU	CAMO-19-175162
276192	R-45 S2	974.9	04/26/2019	WG	Turbidity	0.20	NTU	CAMO-19-174824
266927	R-45 S2	974.9	03/14/2019	WG	Turbidity	0.52	NTU	CAMO-19-167705
265871	R-45 S2	974.9	02/12/2019	WG	Turbidity	0.33	NTU	CAMO-19-166459

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Field Matrix	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
263747	R-45 S2	974.9	01/08/2019	WG	Turbidity	0.53	NTU	CAMO-19-166028
259865	R-45 S2	974.9	12/19/2018	WG	Turbidity	0.90	NTU	CAMO-19-164861
257097	R-45 S2	974.9	11/19/2018	WG	Turbidity	0.34	NTU	CAMO-19-163995
249605	R-45 S2	974.9	09/11/2018	WG	Turbidity	0.11	NTU	CAMO-18-160801
244362	R-45 S2	974.9	08/08/2018	WG	Turbidity	0.17	NTU	CAMO-18-160428
306567	R-50 S1	1077.0	11/19/2019	WG	Dissolved Oxygen	6.86	mg/L	CAMO-20-189174
293685	R-50 S1	1077.0	09/20/2019	WG	Dissolved Oxygen	6.80	mg/L	CAMO-19-186529
291422	R-50 S1	1077.0	08/22/2019	WG	Dissolved Oxygen	7.03	mg/L	CAMO-19-184737
286364	R-50 S1	1077.0	07/17/2019	WG	Dissolved Oxygen	6.33	mg/L	CAMO-19-181859
283449	R-50 S1	1077.0	06/17/2019	WG	Dissolved Oxygen	6.44	mg/L	CAMO-19-181691
279330	R-50 S1	1077.0	05/09/2019	WG	Dissolved Oxygen	7.10	mg/L	CAMO-19-175166
276413	R-50 S1	1077.0	04/29/2019	WG	Dissolved Oxygen	7.04	mg/L	CAMO-19-174827
267019	R-50 S1	1077.0	03/14/2019	WG	Dissolved Oxygen	6.91	mg/L	CAMO-19-167708
268592	R-50 S1	1077.0	02/20/2019	WG	Dissolved Oxygen	7.05	mg/L	CAMO-19-166462
263597	R-50 S1	1077.0	01/15/2019	WG	Dissolved Oxygen	7.09	mg/L	CAMO-19-165984
259344	R-50 S1	1077.0	12/18/2018	WG	Dissolved Oxygen	7.07	mg/L	CAMO-19-164864
257310	R-50 S1	1077.0	11/19/2018	WG	Dissolved Oxygen	7.26	mg/L	CAMO-19-163998
253777	R-50 S1	1077.0	11/01/2018	WG	Dissolved Oxygen	7.39	mg/L	CAMO-19-163722
248051	R-50 S1	1077.0	09/13/2018	WG	Dissolved Oxygen	7.15	mg/L	CAMO-18-160804
306566	R-50 S1	1077.0	11/19/2019	WG	Flow (in gpm)	2.17	gpm	CAMO-20-189174
293684	R-50 S1	1077.0	09/20/2019	WG	Flow (in gpm)	2.26	gpm	CAMO-19-186529
291421	R-50 S1	1077.0	08/22/2019	WG	Flow (in gpm)	2.31	gpm	CAMO-19-184737
286363	R-50 S1	1077.0	07/17/2019	WG	Flow (in gpm)	2.26	gpm	CAMO-19-181859
283420	R-50 S1	1077.0	06/17/2019	WG	Flow (in gpm)	1.99	gpm	CAMO-19-181691
279329	R-50 S1	1077.0	05/09/2019	WG	Flow (in gpm)	2.54	gpm	CAMO-19-175166
276412	R-50 S1	1077.0	04/29/2019	WG	Flow (in gpm)	2.41	gpm	CAMO-19-174827
267018	R-50 S1	1077.0	03/14/2019	WG	Flow (in gpm)	2.56	gpm	CAMO-19-167708

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Field Matrix	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
263596	R-50 S1	1077.0	01/15/2019	WG	Flow (in gpm)	2.75	gpm	CAMO-19-165984
259343	R-50 S1	1077.0	12/18/2018	WG	Flow (in gpm)	2.65	gpm	CAMO-19-164864
257309	R-50 S1	1077.0	11/19/2018	WG	Flow (in gpm)	2.61	gpm	CAMO-19-163998
253776	R-50 S1	1077.0	11/01/2018	WG	Flow (in gpm)	2.61	gpm	CAMO-19-163722
248050	R-50 S1	1077.0	09/13/2018	WG	Flow (in gpm)	2.50	gpm	CAMO-18-160804
306569	R-50 S1	1077.0	11/19/2019	WG	Oxidation-Reduction Potential	201.4	mV	CAMO-20-189174
293687	R-50 S1	1077.0	09/20/2019	WG	Oxidation-Reduction Potential	167.4	mV	CAMO-19-186529
291424	R-50 S1	1077.0	08/22/2019	WG	Oxidation-Reduction Potential	189.9	mV	CAMO-19-184737
286311	R-50 S1	1077.0	07/17/2019	WG	Oxidation-Reduction Potential	175.9	mV	CAMO-19-181859
283451	R-50 S1	1077.0	06/17/2019	WG	Oxidation-Reduction Potential	274.2	mV	CAMO-19-181691
279332	R-50 S1	1077.0	05/09/2019	WG	Oxidation-Reduction Potential	160.0	mV	CAMO-19-175166
276415	R-50 S1	1077.0	04/29/2019	WG	Oxidation-Reduction Potential	237.9	mV	CAMO-19-174827
267021	R-50 S1	1077.0	03/14/2019	WG	Oxidation-Reduction Potential	161.6	mV	CAMO-19-167708
268594	R-50 S1	1077.0	02/20/2019	WG	Oxidation-Reduction Potential	241.4	mV	CAMO-19-166462
263525	R-50 S1	1077.0	01/15/2019	WG	Oxidation-Reduction Potential	208.9	mV	CAMO-19-165984
259272	R-50 S1	1077.0	12/18/2018	WG	Oxidation-Reduction Potential	333.6	mV	CAMO-19-164864
257312	R-50 S1	1077.0	11/19/2018	WG	Oxidation-Reduction Potential	313.8	mV	CAMO-19-163998
253779	R-50 S1	1077.0	11/01/2018	WG	Oxidation-Reduction Potential	245.9	mV	CAMO-19-163722
248053	R-50 S1	1077.0	09/13/2018	WG	Oxidation-Reduction Potential	312.9	mV	CAMO-18-160804
306500	R-50 S1	1077.0	11/19/2019	WG	pH	7.33	SU	CAMO-20-189174
293693	R-50 S1	1077.0	09/20/2019	WG	pH	7.35	SU	CAMO-19-186529
291430	R-50 S1	1077.0	08/22/2019	WG	pH	7.50	SU	CAMO-19-184737
286313	R-50 S1	1077.0	07/17/2019	WG	pH	7.50	SU	CAMO-19-181859
283453	R-50 S1	1077.0	06/17/2019	WG	pH	7.40	SU	CAMO-19-181691
279338	R-50 S1	1077.0	05/09/2019	WG	pH	7.75	SU	CAMO-19-175166
276421	R-50 S1	1077.0	04/29/2019	WG	pH	7.76	SU	CAMO-19-174827
267065	R-50 S1	1077.0	03/14/2019	WG	pH	7.80	SU	CAMO-19-167708

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Field Matrix	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
268598	R-50 S1	1077.0	02/20/2019	WG	pH	7.72	SU	CAMO-19-166462
263527	R-50 S1	1077.0	01/15/2019	WG	pH	7.77	SU	CAMO-19-165984
259274	R-50 S1	1077.0	12/18/2018	WG	pH	7.81	SU	CAMO-19-164864
257236	R-50 S1	1077.0	11/19/2018	WG	pH	7.68	SU	CAMO-19-163998
253711	R-50 S1	1077.0	11/01/2018	WG	pH	7.79	SU	CAMO-19-163722
248055	R-50 S1	1077.0	09/13/2018	WG	pH	7.87	SU	CAMO-18-160804
306502	R-50 S1	1077.0	11/19/2019	WG	Specific Conductance	248.5	µS/cm	CAMO-20-189174
293689	R-50 S1	1077.0	09/20/2019	WG	Specific Conductance	233.3	µS/cm	CAMO-19-186529
291426	R-50 S1	1077.0	08/22/2019	WG	Specific Conductance	466.4	µS/cm	CAMO-19-184737
286315	R-50 S1	1077.0	07/17/2019	WG	Specific Conductance	239.0	µS/cm	CAMO-19-181859
283421	R-50 S1	1077.0	06/17/2019	WG	Specific Conductance	271.8	µS/cm	CAMO-19-181691
279334	R-50 S1	1077.0	05/09/2019	WG	Specific Conductance	244.7	µS/cm	CAMO-19-175166
276417	R-50 S1	1077.0	04/29/2019	WG	Specific Conductance	241.7	µS/cm	CAMO-19-174827
267067	R-50 S1	1077.0	03/14/2019	WG	Specific Conductance	242.6	µS/cm	CAMO-19-167708
268595	R-50 S1	1077.0	02/20/2019	WG	Specific Conductance	238.1	µS/cm	CAMO-19-166462
263598	R-50 S1	1077.0	01/15/2019	WG	Specific Conductance	231.0	µS/cm	CAMO-19-165984
259276	R-50 S1	1077.0	12/18/2018	WG	Specific Conductance	225.1	µS/cm	CAMO-19-164864
257238	R-50 S1	1077.0	11/19/2018	WG	Specific Conductance	218.2	µS/cm	CAMO-19-163998
253713	R-50 S1	1077.0	11/01/2018	WG	Specific Conductance	212.3	µS/cm	CAMO-19-163722
247990	R-50 S1	1077.0	09/13/2018	WG	Specific Conductance	198.8	µS/cm	CAMO-18-160804
306465	R-50 S1	1077.0	11/19/2019	WG	Temperature	18.0	deg C	CAMO-20-189174
293690	R-50 S1	1077.0	09/20/2019	WG	Temperature	18.9	deg C	CAMO-19-186529
291427	R-50 S1	1077.0	08/22/2019	WG	Temperature	19.5	deg C	CAMO-19-184737
286365	R-50 S1	1077.0	07/17/2019	WG	Temperature	19.7	deg C	CAMO-19-181859
283422	R-50 S1	1077.0	06/17/2019	WG	Temperature	19.5	deg C	CAMO-19-181691
279335	R-50 S1	1077.0	05/09/2019	WG	Temperature	19.7	deg C	CAMO-19-175166
276418	R-50 S1	1077.0	04/29/2019	WG	Temperature	20.6	deg C	CAMO-19-174827

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Field Matrix	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
267068	R-50 S1	1077.0	03/14/2019	WG	Temperature	19.0	deg C	CAMO-19-167708
268596	R-50 S1	1077.0	02/20/2019	WG	Temperature	18.1	deg C	CAMO-19-166462
263599	R-50 S1	1077.0	01/15/2019	WG	Temperature	19.9	deg C	CAMO-19-165984
259346	R-50 S1	1077.0	12/18/2018	WG	Temperature	20.4	deg C	CAMO-19-164864
257314	R-50 S1	1077.0	11/19/2018	WG	Temperature	20.3	deg C	CAMO-19-163998
253714	R-50 S1	1077.0	11/01/2018	WG	Temperature	20.1	deg C	CAMO-19-163722
247991	R-50 S1	1077.0	09/13/2018	WG	Temperature	21.8	deg C	CAMO-18-160804
306467	R-50 S1	1077.0	11/19/2019	WG	Turbidity	0.69	NTU	CAMO-20-189174
293692	R-50 S1	1077.0	09/20/2019	WG	Turbidity	0.63	NTU	CAMO-19-186529
291429	R-50 S1	1077.0	08/22/2019	WG	Turbidity	0.50	NTU	CAMO-19-184737
286367	R-50 S1	1077.0	07/17/2019	WG	Turbidity	0.52	NTU	CAMO-19-181859
283424	R-50 S1	1077.0	06/17/2019	WG	Turbidity	0.46	NTU	CAMO-19-181691
279337	R-50 S1	1077.0	05/09/2019	WG	Turbidity	0.56	NTU	CAMO-19-175166
276420	R-50 S1	1077.0	04/29/2019	WG	Turbidity	0.21	NTU	CAMO-19-174827
267070	R-50 S1	1077.0	03/14/2019	WG	Turbidity	0.20	NTU	CAMO-19-167708
268597	R-50 S1	1077.0	02/20/2019	WG	Turbidity	0.51	NTU	CAMO-19-166462
263601	R-50 S1	1077.0	01/15/2019	WG	Turbidity	1.72	NTU	CAMO-19-165984
259348	R-50 S1	1077.0	12/18/2018	WG	Turbidity	0.63	NTU	CAMO-19-164864
257316	R-50 S1	1077.0	11/19/2018	WG	Turbidity	0.05	NTU	CAMO-19-163998
253781	R-50 S1	1077.0	11/01/2018	WG	Turbidity	0.20	NTU	CAMO-19-163722
247993	R-50 S1	1077.0	09/13/2018	WG	Turbidity	0.47	NTU	CAMO-18-160804
306681	R-50 S2	1185.0	11/19/2019	WG	Dissolved Oxygen	7.78	mg/L	CAMO-20-189177
293568	R-50 S2	1185.0	09/19/2019	WG	Dissolved Oxygen	9.24	mg/L	CAMO-19-186539
290234	R-50 S2	1185.0	08/20/2019	WG	Dissolved Oxygen	8.22	mg/L	CAMO-19-184740
285593	R-50 S2	1185.0	07/12/2019	WG	Dissolved Oxygen	7.62	mg/L	CAMO-19-181864
286021	R-50 S2	1185.0	07/12/2019	WG	Dissolved Oxygen	7.62	mg/L	CAMO-19-181863
282392	R-50 S2	1185.0	06/11/2019	WG	Dissolved Oxygen	7.15	mg/L	CAMO-19-181694

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Field Matrix	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
278324	R-50 S2	1185.0	05/14/2019	WG	Dissolved Oxygen	7.38	mg/L	CAMO-19-175168
275172	R-50 S2	1185.0	04/22/2019	WG	Dissolved Oxygen	7.52	mg/L	CAMO-19-174830
267137	R-50 S2	1185.0	03/14/2019	WG	Dissolved Oxygen	8.16	mg/L	CAMO-19-167711
268599	R-50 S2	1185.0	02/20/2019	WG	Dissolved Oxygen	7.88	mg/L	CAMO-19-166465
259236	R-50 S2	1185.0	12/17/2018	WG	Dissolved Oxygen	7.90	mg/L	CAMO-19-164867
257446	R-50 S2	1185.0	11/19/2018	WG	Dissolved Oxygen	7.67	mg/L	CAMO-19-164001
253902	R-50 S2	1185.0	11/01/2018	WG	Dissolved Oxygen	8.03	mg/L	CAMO-19-163725
247920	R-50 S2	1185.0	09/12/2018	WG	Dissolved Oxygen	8.42	mg/L	CAMO-18-160807
306680	R-50 S2	1185.0	11/19/2019	WG	Flow (in gpm)	2.19	gpm	CAMO-20-189177
293567	R-50 S2	1185.0	09/19/2019	WG	Flow (in gpm)	2.10	gpm	CAMO-19-186539
290233	R-50 S2	1185.0	08/20/2019	WG	Flow (in gpm)	2.27	gpm	CAMO-19-184740
285592	R-50 S2	1185.0	07/12/2019	WG	Flow (in gpm)	2.40	gpm	CAMO-19-181864
286020	R-50 S2	1185.0	07/12/2019	WG	Flow (in gpm)	2.40	gpm	CAMO-19-181863
282391	R-50 S2	1185.0	06/11/2019	WG	Flow (in gpm)	2.44	gpm	CAMO-19-181694
278323	R-50 S2	1185.0	05/14/2019	WG	Flow (in gpm)	2.31	gpm	CAMO-19-175168
275171	R-50 S2	1185.0	04/22/2019	WG	Flow (in gpm)	2.46	gpm	CAMO-19-174830
267136	R-50 S2	1185.0	03/14/2019	WG	Flow (in gpm)	2.73	gpm	CAMO-19-167711
259235	R-50 S2	1185.0	12/17/2018	WG	Flow (in gpm)	2.65	gpm	CAMO-19-164867
257445	R-50 S2	1185.0	11/19/2018	WG	Flow (in gpm)	2.68	gpm	CAMO-19-164001
253855	R-50 S2	1185.0	11/01/2018	WG	Flow (in gpm)	2.70	gpm	CAMO-19-163725
247855	R-50 S2	1185.0	09/12/2018	WG	Flow (in gpm)	2.60	gpm	CAMO-18-160807
306653	R-50 S2	1185.0	11/19/2019	WG	Oxidation-Reduction Potential	199.5	mV	CAMO-20-189177
293570	R-50 S2	1185.0	09/19/2019	WG	Oxidation-Reduction Potential	172.7	mV	CAMO-19-186539
290236	R-50 S2	1185.0	08/20/2019	WG	Oxidation-Reduction Potential	176.8	mV	CAMO-19-184740
285595	R-50 S2	1185.0	07/12/2019	WG	Oxidation-Reduction Potential	172.5	mV	CAMO-19-181864
286023	R-50 S2	1185.0	07/12/2019	WG	Oxidation-Reduction Potential	172.5	mV	CAMO-19-181863
282339	R-50 S2	1185.0	06/11/2019	WG	Oxidation-Reduction Potential	257.9	mV	CAMO-19-181694

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Field Matrix	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
278326	R-50 S2	1185.0	05/14/2019	WG	Oxidation-Reduction Potential	173.4	mV	CAMO-19-175168
275174	R-50 S2	1185.0	04/22/2019	WG	Oxidation-Reduction Potential	260.9	mV	CAMO-19-174830
267139	R-50 S2	1185.0	03/14/2019	WG	Oxidation-Reduction Potential	175.4	mV	CAMO-19-167711
268601	R-50 S2	1185.0	02/20/2019	WG	Oxidation-Reduction Potential	235.4	mV	CAMO-19-166465
259150	R-50 S2	1185.0	12/17/2018	WG	Oxidation-Reduction Potential	338.6	mV	CAMO-19-164867
257396	R-50 S2	1185.0	11/19/2018	WG	Oxidation-Reduction Potential	335.9	mV	CAMO-19-164001
253904	R-50 S2	1185.0	11/01/2018	WG	Oxidation-Reduction Potential	280.9	mV	CAMO-19-163725
247922	R-50 S2	1185.0	09/12/2018	WG	Oxidation-Reduction Potential	341.5	mV	CAMO-18-160807
306683	R-50 S2	1185.0	11/19/2019	WG	pH	8.00	SU	CAMO-20-189177
293576	R-50 S2	1185.0	09/19/2019	WG	pH	7.89	SU	CAMO-19-186539
290238	R-50 S2	1185.0	08/20/2019	WG	pH	7.97	SU	CAMO-19-184740
285601	R-50 S2	1185.0	07/12/2019	WG	pH	7.62	SU	CAMO-19-181864
286025	R-50 S2	1185.0	07/12/2019	WG	pH	7.89	SU	CAMO-19-181863
282341	R-50 S2	1185.0	06/11/2019	WG	pH	7.91	SU	CAMO-19-181694
278328	R-50 S2	1185.0	05/14/2019	WG	pH	8.04	SU	CAMO-19-175168
275176	R-50 S2	1185.0	04/22/2019	WG	pH	7.99	SU	CAMO-19-174830
267247	R-50 S2	1185.0	03/14/2019	WG	pH	8.04	SU	CAMO-19-167711
268605	R-50 S2	1185.0	02/20/2019	WG	pH	8.05	SU	CAMO-19-166465
259152	R-50 S2	1185.0	12/17/2018	WG	pH	7.90	SU	CAMO-19-164867
257447	R-50 S2	1185.0	11/19/2018	WG	pH	7.89	SU	CAMO-19-164001
253906	R-50 S2	1185.0	11/01/2018	WG	pH	8.02	SU	CAMO-19-163725
247924	R-50 S2	1185.0	09/12/2018	WG	pH	8.03	SU	CAMO-18-160807
306685	R-50 S2	1185.0	11/19/2019	WG	Specific Conductance	134.4	µS/cm	CAMO-20-189177
293572	R-50 S2	1185.0	09/19/2019	WG	Specific Conductance	133.7	µS/cm	CAMO-19-186539
290178	R-50 S2	1185.0	08/20/2019	WG	Specific Conductance	133.6	µS/cm	CAMO-19-184740
285597	R-50 S2	1185.0	07/12/2019	WG	Specific Conductance	135.9	µS/cm	CAMO-19-181864
286027	R-50 S2	1185.0	07/12/2019	WG	Specific Conductance	135.9	µS/cm	CAMO-19-181863

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Field Matrix	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
282343	R-50 S2	1185.0	06/11/2019	WG	Specific Conductance	134.8	µS/cm	CAMO-19-181694
278330	R-50 S2	1185.0	05/14/2019	WG	Specific Conductance	134.4	µS/cm	CAMO-19-175168
275105	R-50 S2	1185.0	04/22/2019	WG	Specific Conductance	135.0	µS/cm	CAMO-19-174830
267249	R-50 S2	1185.0	03/14/2019	WG	Specific Conductance	136.4	µS/cm	CAMO-19-167711
268602	R-50 S2	1185.0	02/20/2019	WG	Specific Conductance	135.6	µS/cm	CAMO-19-166465
259237	R-50 S2	1185.0	12/17/2018	WG	Specific Conductance	135.5	µS/cm	CAMO-19-164867
257449	R-50 S2	1185.0	11/19/2018	WG	Specific Conductance	136.5	µS/cm	CAMO-19-164001
253908	R-50 S2	1185.0	11/01/2018	WG	Specific Conductance	136.0	µS/cm	CAMO-19-163725
247926	R-50 S2	1185.0	09/12/2018	WG	Specific Conductance	136.5	µS/cm	CAMO-18-160807
306654	R-50 S2	1185.0	11/19/2019	WG	Temperature	18.6	deg C	CAMO-20-189177
293573	R-50 S2	1185.0	09/19/2019	WG	Temperature	7.9	deg C	CAMO-19-186539
290179	R-50 S2	1185.0	08/20/2019	WG	Temperature	19.7	deg C	CAMO-19-184740
285598	R-50 S2	1185.0	07/12/2019	WG	Temperature	20.6	deg C	CAMO-19-181864
286028	R-50 S2	1185.0	07/12/2019	WG	Temperature	20.6	deg C	CAMO-19-181863
282373	R-50 S2	1185.0	06/11/2019	WG	Temperature	21.3	deg C	CAMO-19-181694
278331	R-50 S2	1185.0	05/14/2019	WG	Temperature	20.1	deg C	CAMO-19-175168
275106	R-50 S2	1185.0	04/22/2019	WG	Temperature	21.0	deg C	CAMO-19-174830
267250	R-50 S2	1185.0	03/14/2019	WG	Temperature	19.6	deg C	CAMO-19-167711
268603	R-50 S2	1185.0	02/20/2019	WG	Temperature	19.7	deg C	CAMO-19-166465
259238	R-50 S2	1185.0	12/17/2018	WG	Temperature	17.9	deg C	CAMO-19-164867
257450	R-50 S2	1185.0	11/19/2018	WG	Temperature	20.6	deg C	CAMO-19-164001
253856	R-50 S2	1185.0	11/01/2018	WG	Temperature	20.6	deg C	CAMO-19-163725
247856	R-50 S2	1185.0	09/12/2018	WG	Temperature	21.9	deg C	CAMO-18-160807
306656	R-50 S2	1185.0	11/19/2019	WG	Turbidity	0.01	NTU	CAMO-20-189177
293575	R-50 S2	1185.0	09/19/2019	WG	Turbidity	0.73	NTU	CAMO-19-186539
290181	R-50 S2	1185.0	08/20/2019	WG	Turbidity	0.32	NTU	CAMO-19-184740
285600	R-50 S2	1185.0	07/12/2019	WG	Turbidity	0.59	NTU	CAMO-19-181864

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Field Matrix	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
286030	R-50 S2	1185.0	07/12/2019	WG	Turbidity	0.59	NTU	CAMO-19-181863
282375	R-50 S2	1185.0	06/11/2019	WG	Turbidity	0.36	NTU	CAMO-19-181694
278368	R-50 S2	1185.0	05/14/2019	WG	Turbidity	2.54	NTU	CAMO-19-175168
275108	R-50 S2	1185.0	04/22/2019	WG	Turbidity	0.62	NTU	CAMO-19-174830
267159	R-50 S2	1185.0	03/14/2019	WG	Turbidity	0.70	NTU	CAMO-19-167711
268604	R-50 S2	1185.0	02/20/2019	WG	Turbidity	0.30	NTU	CAMO-19-166465
259240	R-50 S2	1185.0	12/17/2018	WG	Turbidity	0.87	NTU	CAMO-19-164867
257399	R-50 S2	1185.0	11/19/2018	WG	Turbidity	0.37	NTU	CAMO-19-164001
253858	R-50 S2	1185.0	11/01/2018	WG	Turbidity	0.26	NTU	CAMO-19-163725
247858	R-50 S2	1185.0	09/12/2018	WG	Turbidity	0.36	NTU	CAMO-18-160807
306709	R-61 S1	1125.0	11/20/2019	WG	Dissolved Oxygen	6.64	mg/L	CAMO-20-189180
293601	R-61 S1	1125.0	09/23/2019	WG	Dissolved Oxygen	6.56	mg/L	CAMO-19-186542
290331	R-61 S1	1125.0	08/15/2019	WG	Dissolved Oxygen	6.86	mg/L	CAMO-19-184743
286444	R-61 S1	1125.0	07/17/2019	WG	Dissolved Oxygen	4.18	mg/L	CAMO-19-181866
281711	R-61 S1	1125.0	06/06/2019	WG	Dissolved Oxygen	5.32	mg/L	CAMO-19-181697
279153	R-61 S1	1125.0	05/16/2019	WG	Dissolved Oxygen	6.08	mg/L	CAMO-19-175171
274887	R-61 S1	1125.0	04/19/2019	WG	Dissolved Oxygen	6.56	mg/L	CAMO-19-174833
268385	R-61 S1	1125.0	03/22/2019	WG	Dissolved Oxygen	6.74	mg/L	CAMO-19-167714
260234	R-61 S1	1125.0	01/08/2019	WG	Dissolved Oxygen	6.49	mg/L	CAMO-19-165990
259403	R-61 S1	1125.0	12/17/2018	WG	Dissolved Oxygen	6.43	mg/L	CAMO-19-164871
257834	R-61 S1	1125.0	11/20/2018	WG	Dissolved Oxygen	6.54	mg/L	CAMO-19-164004
253071	R-61 S1	1125.0	10/30/2018	WG	Dissolved Oxygen	6.26	mg/L	CAMO-19-163728
248292	R-61 S1	1125.0	09/14/2018	WG	Dissolved Oxygen	6.45	mg/L	CAMO-18-160810
306708	R-61 S1	1125.0	11/20/2019	WG	Flow (in gpm)	2.09	gpm	CAMO-20-189180
293600	R-61 S1	1125.0	09/23/2019	WG	Flow (in gpm)	1.94	gpm	CAMO-19-186542
290330	R-61 S1	1125.0	08/15/2019	WG	Flow (in gpm)	1.94	gpm	CAMO-19-184743
286443	R-61 S1	1125.0	07/17/2019	WG	Flow (in gpm)	2.00	gpm	CAMO-19-181866

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Field Matrix	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
281694	R-61 S1	1125.0	06/06/2019	WG	Flow (in gpm)	1.92	gpm	CAMO-19-181697
279152	R-61 S1	1125.0	05/16/2019	WG	Flow (in gpm)	1.70	gpm	CAMO-19-175171
274886	R-61 S1	1125.0	04/19/2019	WG	Flow (in gpm)	1.96	gpm	CAMO-19-174833
268384	R-61 S1	1125.0	03/22/2019	WG	Flow (in gpm)	2.00	gpm	CAMO-19-167714
260233	R-61 S1	1125.0	01/08/2019	WG	Flow (in gpm)	2.01	gpm	CAMO-19-165990
259402	R-61 S1	1125.0	12/17/2018	WG	Flow (in gpm)	2.08	gpm	CAMO-19-164871
257833	R-61 S1	1125.0	11/20/2018	WG	Flow (in gpm)	2.03	gpm	CAMO-19-164004
253070	R-61 S1	1125.0	10/30/2018	WG	Flow (in gpm)	2.04	gpm	CAMO-19-163728
248359	R-61 S1	1125.0	09/14/2018	WG	Flow (in gpm)	2.02	gpm	CAMO-18-160810
306764	R-61 S1	1125.0	11/20/2019	WG	Oxidation-Reduction Potential	239.6	mV	CAMO-20-189180
293653	R-61 S1	1125.0	09/23/2019	WG	Oxidation-Reduction Potential	166.7	mV	CAMO-19-186542
290333	R-61 S1	1125.0	08/15/2019	WG	Oxidation-Reduction Potential	191.5	mV	CAMO-19-184743
286517	R-61 S1	1125.0	07/17/2019	WG	Oxidation-Reduction Potential	168.1	mV	CAMO-19-181866
281713	R-61 S1	1125.0	06/06/2019	WG	Oxidation-Reduction Potential	300.9	mV	CAMO-19-181697
279089	R-61 S1	1125.0	05/16/2019	WG	Oxidation-Reduction Potential	188.6	mV	CAMO-19-175171
274889	R-61 S1	1125.0	04/19/2019	WG	Oxidation-Reduction Potential	265.8	mV	CAMO-19-174833
268387	R-61 S1	1125.0	03/22/2019	WG	Oxidation-Reduction Potential	204.6	mV	CAMO-19-167714
260160	R-61 S1	1125.0	01/08/2019	WG	Oxidation-Reduction Potential	321.0	mV	CAMO-19-165990
259405	R-61 S1	1125.0	12/17/2018	WG	Oxidation-Reduction Potential	369.2	mV	CAMO-19-164871
257836	R-61 S1	1125.0	11/20/2018	WG	Oxidation-Reduction Potential	336.7	mV	CAMO-19-164004
253109	R-61 S1	1125.0	10/30/2018	WG	Oxidation-Reduction Potential	311.8	mV	CAMO-19-163728
248294	R-61 S1	1125.0	09/14/2018	WG	Oxidation-Reduction Potential	354.8	mV	CAMO-18-160810
306766	R-61 S1	1125.0	11/20/2019	WG	pH	7.32	SU	CAMO-20-189180
293655	R-61 S1	1125.0	09/23/2019	WG	pH	7.18	SU	CAMO-19-186542
290335	R-61 S1	1125.0	08/15/2019	WG	pH	7.37	SU	CAMO-19-184743
286445	R-61 S1	1125.0	07/17/2019	WG	pH	7.55	SU	CAMO-19-181866
281715	R-61 S1	1125.0	06/06/2019	WG	pH	7.33	SU	CAMO-19-181697

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Field Matrix	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
279091	R-61 S1	1125.0	05/16/2019	WG	pH	7.40	SU	CAMO-19-175171
274839	R-61 S1	1125.0	04/19/2019	WG	pH	7.40	SU	CAMO-19-174833
268401	R-61 S1	1125.0	03/22/2019	WG	pH	7.29	SU	CAMO-19-167714
260162	R-61 S1	1125.0	01/08/2019	WG	pH	7.32	SU	CAMO-19-165990
259410	R-61 S1	1125.0	12/17/2018	WG	pH	7.31	SU	CAMO-19-164871
257838	R-61 S1	1125.0	11/20/2018	WG	pH	7.30	SU	CAMO-19-164004
253111	R-61 S1	1125.0	10/30/2018	WG	pH	7.22	SU	CAMO-19-163728
248296	R-61 S1	1125.0	09/14/2018	WG	pH	7.31	SU	CAMO-18-160810
306768	R-61 S1	1125.0	11/20/2019	WG	Specific Conductance	150.8	µS/cm	CAMO-20-189180
293657	R-61 S1	1125.0	09/23/2019	WG	Specific Conductance	151.0	µS/cm	CAMO-19-186542
290337	R-61 S1	1125.0	08/15/2019	WG	Specific Conductance	150.5	µS/cm	CAMO-19-184743
286519	R-61 S1	1125.0	07/17/2019	WG	Specific Conductance	157.0	µS/cm	CAMO-19-181866
281717	R-61 S1	1125.0	06/06/2019	WG	Specific Conductance	153.6	µS/cm	CAMO-19-181697
279154	R-61 S1	1125.0	05/16/2019	WG	Specific Conductance	150.8	µS/cm	CAMO-19-175171
274841	R-61 S1	1125.0	04/19/2019	WG	Specific Conductance	149.4	µS/cm	CAMO-19-174833
268403	R-61 S1	1125.0	03/22/2019	WG	Specific Conductance	149.3	µS/cm	CAMO-19-167714
260164	R-61 S1	1125.0	01/08/2019	WG	Specific Conductance	148.3	µS/cm	CAMO-19-165990
259407	R-61 S1	1125.0	12/17/2018	WG	Specific Conductance	148.2	µS/cm	CAMO-19-164871
257782	R-61 S1	1125.0	11/20/2018	WG	Specific Conductance	149.5	µS/cm	CAMO-19-164004
253113	R-61 S1	1125.0	10/30/2018	WG	Specific Conductance	150.3	µS/cm	CAMO-19-163728
248361	R-61 S1	1125.0	09/14/2018	WG	Specific Conductance	148.6	µS/cm	CAMO-18-160810
306769	R-61 S1	1125.0	11/20/2019	WG	Temperature	19.3	deg C	CAMO-20-189180
293658	R-61 S1	1125.0	09/23/2019	WG	Temperature	20.6	deg C	CAMO-19-186542
290338	R-61 S1	1125.0	08/15/2019	WG	Temperature	20.6	deg C	CAMO-19-184743
286520	R-61 S1	1125.0	07/17/2019	WG	Temperature	20.8	deg C	CAMO-19-181866
281695	R-61 S1	1125.0	06/06/2019	WG	Temperature	20.7	deg C	CAMO-19-181697
279155	R-61 S1	1125.0	05/16/2019	WG	Temperature	20.6	deg C	CAMO-19-175171

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Field Matrix	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
274842	R-61 S1	1125.0	04/19/2019	WG	Temperature	20.4	deg C	CAMO-19-174833
268404	R-61 S1	1125.0	03/22/2019	WG	Temperature	18.5	deg C	CAMO-19-167714
260165	R-61 S1	1125.0	01/08/2019	WG	Temperature	18.9	deg C	CAMO-19-165990
259408	R-61 S1	1125.0	12/17/2018	WG	Temperature	19.6	deg C	CAMO-19-164871
257783	R-61 S1	1125.0	11/20/2018	WG	Temperature	20.0	deg C	CAMO-19-164004
253114	R-61 S1	1125.0	10/30/2018	WG	Temperature	19.6	deg C	CAMO-19-163728
248362	R-61 S1	1125.0	09/14/2018	WG	Temperature	21.0	deg C	CAMO-18-160810
306712	R-61 S1	1125.0	11/20/2019	WG	Turbidity	0.23	NTU	CAMO-20-189180
293604	R-61 S1	1125.0	09/23/2019	WG	Turbidity	0.34	NTU	CAMO-19-186542
290340	R-61 S1	1125.0	08/15/2019	WG	Turbidity	0.32	NTU	CAMO-19-184743
286522	R-61 S1	1125.0	07/17/2019	WG	Turbidity	0.86	NTU	CAMO-19-181866
281697	R-61 S1	1125.0	06/06/2019	WG	Turbidity	0.89	NTU	CAMO-19-181697
279157	R-61 S1	1125.0	05/16/2019	WG	Turbidity	0.56	NTU	CAMO-19-175171
274844	R-61 S1	1125.0	04/19/2019	WG	Turbidity	1.24	NTU	CAMO-19-174833
268406	R-61 S1	1125.0	03/22/2019	WG	Turbidity	0.45	NTU	CAMO-19-167714
260236	R-61 S1	1125.0	01/08/2019	WG	Turbidity	0.69	NTU	CAMO-19-165990
259409	R-61 S1	1125.0	12/17/2018	WG	Turbidity	0.37	NTU	CAMO-19-164871
257785	R-61 S1	1125.0	11/20/2018	WG	Turbidity	1.10	NTU	CAMO-19-164004
253038	R-61 S1	1125.0	10/30/2018	WG	Turbidity	0.53	NTU	CAMO-19-163728
248364	R-61 S1	1125.0	09/14/2018	WG	Turbidity	0.43	NTU	CAMO-18-160810
303825	R-62	1158.4	11/12/2019	WG	Dissolved Oxygen	6.81	mg/L	CAMO-20-189182
287959	R-62	1158.4	07/26/2019	WG	Dissolved Oxygen	6.62	mg/L	CAMO-19-181868
278006	R-62	1158.4	05/14/2019	WG	Dissolved Oxygen	6.72	mg/L	CAMO-19-175173
264760	R-62	1158.4	01/23/2019	WG	Dissolved Oxygen	6.70	mg/L	CAMO-19-165970
255783	R-62	1158.4	11/09/2018	WG	Dissolved Oxygen	6.83	mg/L	CAMO-19-164006
242024	R-62	1158.4	07/19/2018	WG	Dissolved Oxygen	6.77	mg/L	CAMO-18-159805
236696	R-62	1158.4	05/22/2018	WG	Dissolved Oxygen	6.62	mg/L	CAMO-18-153998

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Field Matrix	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
216026	R-62	1158.4	01/17/2018	WG	Dissolved Oxygen	7.37	mg/L	CAMO-18-150844
303824	R-62	1158.4	11/12/2019	WG	Flow (in gpm)	2.68	gpm	CAMO-20-189182
287958	R-62	1158.4	07/26/2019	WG	Flow (in gpm)	2.27	gpm	CAMO-19-181868
278005	R-62	1158.4	05/14/2019	WG	Flow (in gpm)	2.33	gpm	CAMO-19-175173
264816	R-62	1158.4	01/23/2019	WG	Flow (in gpm)	3.37	gpm	CAMO-19-165970
255745	R-62	1158.4	11/09/2018	WG	Flow (in gpm)	3.61	gpm	CAMO-19-164006
242023	R-62	1158.4	07/19/2018	WG	Flow (in gpm)	4.00	gpm	CAMO-18-159805
236695	R-62	1158.4	05/22/2018	WG	Flow (in gpm)	3.41	gpm	CAMO-18-153998
216025	R-62	1158.4	01/17/2018	WG	Flow (in gpm)	3.75	gpm	CAMO-18-150844
303896	R-62	1158.4	11/12/2019	WG	Oxidation-Reduction Potential	172.0	mV	CAMO-20-189182
287992	R-62	1158.4	07/26/2019	WG	Oxidation-Reduction Potential	256.4	mV	CAMO-19-181868
278008	R-62	1158.4	05/14/2019	WG	Oxidation-Reduction Potential	162.3	mV	CAMO-19-175173
264762	R-62	1158.4	01/23/2019	WG	Oxidation-Reduction Potential	158.1	mV	CAMO-19-165970
255785	R-62	1158.4	11/09/2018	WG	Oxidation-Reduction Potential	163.7	mV	CAMO-19-164006
242026	R-62	1158.4	07/19/2018	WG	Oxidation-Reduction Potential	161.1	mV	CAMO-18-159805
236698	R-62	1158.4	05/22/2018	WG	Oxidation-Reduction Potential	170.3	mV	CAMO-18-153998
216181	R-62	1158.4	01/17/2018	WG	Oxidation-Reduction Potential	227.1	mV	CAMO-18-150844
303898	R-62	1158.4	11/12/2019	WG	pH	8.40	SU	CAMO-20-189182
287994	R-62	1158.4	07/26/2019	WG	pH	8.44	SU	CAMO-19-181868
278072	R-62	1158.4	05/14/2019	WG	pH	8.56	SU	CAMO-19-175173
264764	R-62	1158.4	01/23/2019	WG	pH	8.53	SU	CAMO-19-165970
255787	R-62	1158.4	11/09/2018	WG	pH	8.50	SU	CAMO-19-164006
241975	R-62	1158.4	07/19/2018	WG	pH	8.42	SU	CAMO-18-159805
236748	R-62	1158.4	05/22/2018	WG	pH	8.45	SU	CAMO-18-153998
216183	R-62	1158.4	01/17/2018	WG	pH	8.26	SU	CAMO-18-150844
303826	R-62	1158.4	11/12/2019	WG	Specific Conductance	267.7	µS/cm	CAMO-20-189182
287961	R-62	1158.4	07/26/2019	WG	Specific Conductance	256.3	µS/cm	CAMO-19-181868

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Field Matrix	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
278074	R-62	1158.4	05/14/2019	WG	Specific Conductance	280.5	µS/cm	CAMO-19-175173
264818	R-62	1158.4	01/23/2019	WG	Specific Conductance	274.2	µS/cm	CAMO-19-165970
255789	R-62	1158.4	11/09/2018	WG	Specific Conductance	262.4	µS/cm	CAMO-19-164006
241977	R-62	1158.4	07/19/2018	WG	Specific Conductance	250.5	µS/cm	CAMO-18-159805
236750	R-62	1158.4	05/22/2018	WG	Specific Conductance	255.3	µS/cm	CAMO-18-153998
216185	R-62	1158.4	01/17/2018	WG	Specific Conductance	286.4	µS/cm	CAMO-18-150844
303827	R-62	1158.4	11/12/2019	WG	Temperature	17.7	deg C	CAMO-20-189182
287962	R-62	1158.4	07/26/2019	WG	Temperature	20.3	deg C	CAMO-19-181868
278075	R-62	1158.4	05/14/2019	WG	Temperature	18.8	deg C	CAMO-19-175173
264819	R-62	1158.4	01/23/2019	WG	Temperature	17.3	deg C	CAMO-19-165970
255746	R-62	1158.4	11/09/2018	WG	Temperature	17.8	deg C	CAMO-19-164006
241978	R-62	1158.4	07/19/2018	WG	Temperature	18.9	deg C	CAMO-18-159805
236751	R-62	1158.4	05/22/2018	WG	Temperature	18.7	deg C	CAMO-18-153998
216186	R-62	1158.4	01/17/2018	WG	Temperature	17.1	deg C	CAMO-18-150844
303829	R-62	1158.4	11/12/2019	WG	Turbidity	0.39	NTU	CAMO-20-189182
287996	R-62	1158.4	07/26/2019	WG	Turbidity	1.11	NTU	CAMO-19-181868
278077	R-62	1158.4	05/14/2019	WG	Turbidity	1.60	NTU	CAMO-19-175173
264821	R-62	1158.4	01/23/2019	WG	Turbidity	0.46	NTU	CAMO-19-165970
255748	R-62	1158.4	11/09/2018	WG	Turbidity	3.98	NTU	CAMO-19-164006
242028	R-62	1158.4	07/19/2018	WG	Turbidity	0.25	NTU	CAMO-18-159805
236753	R-62	1158.4	05/22/2018	WG	Turbidity	1.18	NTU	CAMO-18-153998
216028	R-62	1158.4	01/17/2018	WG	Turbidity	0.37	NTU	CAMO-18-150844
302492	R-67	1242.6	11/05/2019	WG	Dissolved Oxygen	6.58	mg/L	CASA-20-189234
287491	R-67	1242.6	07/24/2019	WG	Dissolved Oxygen	6.38	mg/L	CASA-19-182715
279340	R-67	1242.6	05/10/2019	WG	Dissolved Oxygen	6.56	mg/L	CASA-19-175200
260938	R-67	1242.6	01/09/2019	WG	Dissolved Oxygen	6.52	mg/L	CASA-19-166007
254498	R-67	1242.6	11/05/2018	WG	Dissolved Oxygen	6.21	mg/L	CASA-19-164032

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Field Matrix	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
242052	R-67	1242.6	07/19/2018	WG	Dissolved Oxygen	5.96	mg/L	CASA-18-159876
236537	R-67	1242.6	05/21/2018	WG	Dissolved Oxygen	6.05	mg/L	CASA-18-154776
216884	R-67	1242.6	01/22/2018	WG	Dissolved Oxygen	6.24	mg/L	CASA-18-150855
302491	R-67	1242.6	11/05/2019	WG	Flow (in gpm)	4.00	gpm	CASA-20-189234
287490	R-67	1242.6	07/24/2019	WG	Flow (in gpm)	4.00	gpm	CASA-19-182715
279339	R-67	1242.6	05/10/2019	WG	Flow (in gpm)	3.99	gpm	CASA-19-175200
260937	R-67	1242.6	01/09/2019	WG	Flow (in gpm)	3.75	gpm	CASA-19-166007
254497	R-67	1242.6	11/05/2018	WG	Flow (in gpm)	4.17	gpm	CASA-19-164032
242051	R-67	1242.6	07/19/2018	WG	Flow (in gpm)	4.11	gpm	CASA-18-159876
236536	R-67	1242.6	05/21/2018	WG	Flow (in gpm)	4.29	gpm	CASA-18-154776
216841	R-67	1242.6	01/22/2018	WG	Flow (in gpm)	3.95	gpm	CASA-18-150855
302494	R-67	1242.6	11/05/2019	WG	Oxidation-Reduction Potential	132.0	mV	CASA-20-189234
287493	R-67	1242.6	07/24/2019	WG	Oxidation-Reduction Potential	246.6	mV	CASA-19-182715
279342	R-67	1242.6	05/10/2019	WG	Oxidation-Reduction Potential	101.4	mV	CASA-19-175200
260940	R-67	1242.6	01/09/2019	WG	Oxidation-Reduction Potential	223.7	mV	CASA-19-166007
254500	R-67	1242.6	11/05/2018	WG	Oxidation-Reduction Potential	163.9	mV	CASA-19-164032
242097	R-67	1242.6	07/19/2018	WG	Oxidation-Reduction Potential	189.6	mV	CASA-18-159876
236539	R-67	1242.6	05/21/2018	WG	Oxidation-Reduction Potential	96.1	mV	CASA-18-154776
216886	R-67	1242.6	01/22/2018	WG	Oxidation-Reduction Potential	54.5	mV	CASA-18-150855
302444	R-67	1242.6	11/05/2019	WG	pH	8.27	SU	CASA-20-189234
287495	R-67	1242.6	07/24/2019	WG	pH	8.28	SU	CASA-19-182715
279348	R-67	1242.6	05/10/2019	WG	pH	8.26	SU	CASA-19-175200
260946	R-67	1242.6	01/09/2019	WG	pH	8.14	SU	CASA-19-166007
254543	R-67	1242.6	11/05/2018	WG	pH	8.29	SU	CASA-19-164032
242099	R-67	1242.6	07/19/2018	WG	pH	8.30	SU	CASA-18-159876
236493	R-67	1242.6	05/21/2018	WG	pH	8.29	SU	CASA-18-154776
216888	R-67	1242.6	01/22/2018	WG	pH	8.29	SU	CASA-18-150855

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Field Matrix	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
302446	R-67	1242.6	11/05/2019	WG	Specific Conductance	167.9	µS/cm	CASA-20-189234
287454	R-67	1242.6	07/24/2019	WG	Specific Conductance	169.0	µS/cm	CASA-19-182715
279344	R-67	1242.6	05/10/2019	WG	Specific Conductance	169.4	µS/cm	CASA-19-175200
260942	R-67	1242.6	01/09/2019	WG	Specific Conductance	170.7	µS/cm	CASA-19-166007
254545	R-67	1242.6	11/05/2018	WG	Specific Conductance	169.7	µS/cm	CASA-19-164032
242101	R-67	1242.6	07/19/2018	WG	Specific Conductance	172.1	µS/cm	CASA-18-159876
236495	R-67	1242.6	05/21/2018	WG	Specific Conductance	171.8	µS/cm	CASA-18-154776
216890	R-67	1242.6	01/22/2018	WG	Specific Conductance	169.1	µS/cm	CASA-18-150855
302447	R-67	1242.6	11/05/2019	WG	Temperature	19.3	deg C	CASA-20-189234
287455	R-67	1242.6	07/24/2019	WG	Temperature	20.6	deg C	CASA-19-182715
279345	R-67	1242.6	05/10/2019	WG	Temperature	19.0	deg C	CASA-19-175200
260943	R-67	1242.6	01/09/2019	WG	Temperature	18.4	deg C	CASA-19-166007
254546	R-67	1242.6	11/05/2018	WG	Temperature	18.8	deg C	CASA-19-164032
242102	R-67	1242.6	07/19/2018	WG	Temperature	21.3	deg C	CASA-18-159876
236496	R-67	1242.6	05/21/2018	WG	Temperature	19.9	deg C	CASA-18-154776
216842	R-67	1242.6	01/22/2018	WG	Temperature	18.0	deg C	CASA-18-150855
302449	R-67	1242.6	11/05/2019	WG	Turbidity	0.58	NTU	CASA-20-189234
287457	R-67	1242.6	07/24/2019	WG	Turbidity	0.32	NTU	CASA-19-182715
279347	R-67	1242.6	05/10/2019	WG	Turbidity	0.82	NTU	CASA-19-175200
260945	R-67	1242.6	01/09/2019	WG	Turbidity	6.27	NTU	CASA-19-166007
254548	R-67	1242.6	11/05/2018	WG	Turbidity	0.27	NTU	CASA-19-164032
242054	R-67	1242.6	07/19/2018	WG	Turbidity	0.64	NTU	CASA-18-159876
236541	R-67	1242.6	05/21/2018	WG	Turbidity	1.10	NTU	CASA-18-154776
216844	R-67	1242.6	01/22/2018	WG	Turbidity	1.60	NTU	CASA-18-150855
279539	SCI-1	358.4	05/20/2019	WG	Dissolved Oxygen	8.76	mg/L	CASA-19-175178
256074	SCI-1	358.4	11/13/2018	WG	Dissolved Oxygen	9.22	mg/L	CASA-19-164011
233699	SCI-1	358.4	05/09/2018	WG	Dissolved Oxygen	8.78	mg/L	CASA-18-154756

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Field Matrix	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
211713	SCI-1	358.4	11/13/2017	WG	Dissolved Oxygen	8.97	mg/L	CASA-18-148003
195796	SCI-1	358.4	11/15/2016	WG	Dissolved Oxygen	8.28	mg/L	CASA-17-127288
279538	SCI-1	358.4	05/20/2019	WG	Flow (in gpm)	0.71	gpm	CASA-19-175178
256073	SCI-1	358.4	11/13/2018	WG	Flow (in gpm)	0.78	gpm	CASA-19-164011
233689	SCI-1	358.4	05/09/2018	WG	Flow (in gpm)	0.77	gpm	CASA-18-154756
211712	SCI-1	358.4	11/13/2017	WG	Flow (in gpm)	0.96	gpm	CASA-18-148003
279541	SCI-1	358.4	05/20/2019	WG	Oxidation-Reduction Potential	190.2	mV	CASA-19-175178
256076	SCI-1	358.4	11/13/2018	WG	Oxidation-Reduction Potential	223.3	mV	CASA-19-164011
233701	SCI-1	358.4	05/09/2018	WG	Oxidation-Reduction Potential	-26.5	mV	CASA-18-154756
211715	SCI-1	358.4	11/13/2017	WG	Oxidation-Reduction Potential	100.2	mV	CASA-18-148003
195798	SCI-1	358.4	11/15/2016	WG	Oxidation-Reduction Potential	113.5	mV	CASA-17-127288
279543	SCI-1	358.4	05/20/2019	WG	pH	7.05	SU	CASA-19-175178
256078	SCI-1	358.4	11/13/2018	WG	pH	7.60	SU	CASA-19-164011
233703	SCI-1	358.4	05/09/2018	WG	pH	7.51	SU	CASA-18-154756
211721	SCI-1	358.4	11/13/2017	WG	pH	7.16	SU	CASA-18-148003
195799	SCI-1	358.4	11/15/2016	WG	pH	6.90	SU	CASA-17-127288
279545	SCI-1	358.4	05/20/2019	WG	Specific Conductance	681.0	µS/cm	CASA-19-175178
256080	SCI-1	358.4	11/13/2018	WG	Specific Conductance	681.0	µS/cm	CASA-19-164011
233705	SCI-1	358.4	05/09/2018	WG	Specific Conductance	683.0	µS/cm	CASA-18-154756
211717	SCI-1	358.4	11/13/2017	WG	Specific Conductance	100.2	µS/cm	CASA-18-148003
195800	SCI-1	358.4	11/15/2016	WG	Specific Conductance	694.0	µS/cm	CASA-17-127288
279561	SCI-1	358.4	05/20/2019	WG	Temperature	10.4	deg C	CASA-19-175178
256081	SCI-1	358.4	11/13/2018	WG	Temperature	9.2	deg C	CASA-19-164011
233680	SCI-1	358.4	05/09/2018	WG	Temperature	12.0	deg C	CASA-18-154756
211718	SCI-1	358.4	11/13/2017	WG	Temperature	10.4	deg C	CASA-18-148003
195801	SCI-1	358.4	11/15/2016	WG	Temperature	10.4	deg C	CASA-17-127288
279563	SCI-1	358.4	05/20/2019	WG	Turbidity	2.62	NTU	CASA-19-175178

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Field Matrix	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
256089	SCI-1	358.4	11/13/2018	WG	Turbidity	14.80	NTU	CASA-19-164011
233682	SCI-1	358.4	05/09/2018	WG	Turbidity	18.20	NTU	CASA-18-154756
211720	SCI-1	358.4	11/13/2017	WG	Turbidity	1.80	NTU	CASA-18-148003
195802	SCI-1	358.4	11/15/2016	WG	Turbidity	1.80	NTU	CASA-17-127288
304952	SCI-2	548.0	11/15/2019	WG	Dissolved Oxygen	8.06	mg/L	CASA-20-189203
285603	SCI-2	548.0	07/12/2019	WG	Dissolved Oxygen	8.06	mg/L	CASA-19-182097
278102	SCI-2	548.0	05/14/2019	WG	Dissolved Oxygen	8.28	mg/L	CASA-19-175180
262198	SCI-2	548.0	01/16/2019	WG	Dissolved Oxygen	8.52	mg/L	CASA-19-165997
256184	SCI-2	548.0	11/13/2018	WG	Dissolved Oxygen	8.51	mg/L	CASA-19-164015
239864	SCI-2	548.0	07/10/2018	WG	Dissolved Oxygen	8.32	mg/L	CASA-18-159857
233604	SCI-2	548.0	05/09/2018	WG	Dissolved Oxygen	8.09	mg/L	CASA-18-154760
214742	SCI-2	548.0	01/10/2018	WG	Dissolved Oxygen	8.39	mg/L	CASA-18-150798
304951	SCI-2	548.0	11/15/2019	WG	Flow (in gpm)	0.56	gpm	CASA-20-189203
285602	SCI-2	548.0	07/12/2019	WG	Flow (in gpm)	0.79	gpm	CASA-19-182097
278101	SCI-2	548.0	05/14/2019	WG	Flow (in gpm)	1.08	gpm	CASA-19-175180
262197	SCI-2	548.0	01/16/2019	WG	Flow (in gpm)	0.58	gpm	CASA-19-165997
256138	SCI-2	548.0	11/13/2018	WG	Flow (in gpm)	0.75	gpm	CASA-19-164015
239928	SCI-2	548.0	07/10/2018	WG	Flow (in gpm)	0.58	gpm	CASA-18-159857
233603	SCI-2	548.0	05/09/2018	WG	Flow (in gpm)	0.61	gpm	CASA-18-154760
214741	SCI-2	548.0	01/10/2018	WG	Flow (in gpm)	0.71	gpm	CASA-18-150798
304954	SCI-2	548.0	11/15/2019	WG	Oxidation-Reduction Potential	205.7	mV	CASA-20-189203
285605	SCI-2	548.0	07/12/2019	WG	Oxidation-Reduction Potential	182.2	mV	CASA-19-182097
278104	SCI-2	548.0	05/14/2019	WG	Oxidation-Reduction Potential	224.3	mV	CASA-19-175180
262200	SCI-2	548.0	01/16/2019	WG	Oxidation-Reduction Potential	284.7	mV	CASA-19-165997
256186	SCI-2	548.0	11/13/2018	WG	Oxidation-Reduction Potential	303.1	mV	CASA-19-164015
239866	SCI-2	548.0	07/10/2018	WG	Oxidation-Reduction Potential	267.2	mV	CASA-18-159857
233621	SCI-2	548.0	05/09/2018	WG	Oxidation-Reduction Potential	164.9	mV	CASA-18-154760

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Field Matrix	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
214744	SCI-2	548.0	01/10/2018	WG	Oxidation-Reduction Potential	203.2	mV	CASA-18-150798
304906	SCI-2	548.0	11/15/2019	WG	pH	7.42	SU	CASA-20-189203
285610	SCI-2	548.0	07/12/2019	WG	pH	7.22	SU	CASA-19-182097
278106	SCI-2	548.0	05/14/2019	WG	pH	7.39	SU	CASA-19-175180
262202	SCI-2	548.0	01/16/2019	WG	pH	7.36	SU	CASA-19-165997
256188	SCI-2	548.0	11/13/2018	WG	pH	7.12	SU	CASA-19-164015
239868	SCI-2	548.0	07/10/2018	WG	pH	7.24	SU	CASA-18-159857
233623	SCI-2	548.0	05/09/2018	WG	pH	7.30	SU	CASA-18-154760
214750	SCI-2	548.0	01/10/2018	WG	pH	7.25	SU	CASA-18-150798
304908	SCI-2	548.0	11/15/2019	WG	Specific Conductance	627.0	µS/cm	CASA-20-189203
285606	SCI-2	548.0	07/12/2019	WG	Specific Conductance	631.0	µS/cm	CASA-19-182097
278108	SCI-2	548.0	05/14/2019	WG	Specific Conductance	634.0	µS/cm	CASA-19-175180
262155	SCI-2	548.0	01/16/2019	WG	Specific Conductance	633.0	µS/cm	CASA-19-165997
256190	SCI-2	548.0	11/13/2018	WG	Specific Conductance	636.0	µS/cm	CASA-19-164015
239930	SCI-2	548.0	07/10/2018	WG	Specific Conductance	634.0	µS/cm	CASA-18-159857
233625	SCI-2	548.0	05/09/2018	WG	Specific Conductance	628.0	µS/cm	CASA-18-154760
214746	SCI-2	548.0	01/10/2018	WG	Specific Conductance	622.0	µS/cm	CASA-18-150798
304909	SCI-2	548.0	11/15/2019	WG	Temperature	13.3	deg C	CASA-20-189203
285607	SCI-2	548.0	07/12/2019	WG	Temperature	15.1	deg C	CASA-19-182097
278109	SCI-2	548.0	05/14/2019	WG	Temperature	14.3	deg C	CASA-19-175180
262156	SCI-2	548.0	01/16/2019	WG	Temperature	13.3	deg C	CASA-19-165997
256139	SCI-2	548.0	11/13/2018	WG	Temperature	13.3	deg C	CASA-19-164015
239931	SCI-2	548.0	07/10/2018	WG	Temperature	14.2	deg C	CASA-18-159857
233626	SCI-2	548.0	05/09/2018	WG	Temperature	14.5	deg C	CASA-18-154760
214747	SCI-2	548.0	01/10/2018	WG	Temperature	13.5	deg C	CASA-18-150798
304955	SCI-2	548.0	11/15/2019	WG	Turbidity	5.97	NTU	CASA-20-189203
285609	SCI-2	548.0	07/12/2019	WG	Turbidity	6.15	NTU	CASA-19-182097

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Field Matrix	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
278152	SCI-2	548.0	05/14/2019	WG	Turbidity	3.35	NTU	CASA-19-175180
262158	SCI-2	548.0	01/16/2019	WG	Turbidity	0.81	NTU	CASA-19-165997
256141	SCI-2	548.0	11/13/2018	WG	Turbidity	1.09	NTU	CASA-19-164015
239933	SCI-2	548.0	07/10/2018	WG	Turbidity	0.42	NTU	CASA-18-159857
233568	SCI-2	548.0	05/09/2018	WG	Turbidity	0.77	NTU	CASA-18-154760
214749	SCI-2	548.0	01/10/2018	WG	Turbidity	1.00	NTU	CASA-18-150798
304185	SIMR-2	885.0	11/13/2019	WG	Dissolved Oxygen	7.16	mg/L	CAMO-20-189197
293981	SIMR-2	885.0	09/24/2019	WG	Dissolved Oxygen	7.33	mg/L	CAMO-19-186544
290893	SIMR-2	885.0	08/21/2019	WG	Dissolved Oxygen	7.51	mg/L	CAMO-19-184745
286671	SIMR-2	885.0	07/18/2019	WG	Dissolved Oxygen	7.14	mg/L	CAMO-19-181870
282558	SIMR-2	885.0	06/12/2019	WG	Dissolved Oxygen	6.94	mg/L	CAMO-19-181699
279783	SIMR-2	885.0	05/21/2019	WG	Dissolved Oxygen	7.02	mg/L	CAMO-19-175175
276423	SIMR-2	885.0	04/29/2019	WG	Dissolved Oxygen	7.70	mg/L	CAMO-19-174835
268367	SIMR-2	885.0	03/21/2019	WG	Dissolved Oxygen	7.28	mg/L	CAMO-19-167716
265793	SIMR-2	885.0	02/14/2019	WG	Dissolved Oxygen	7.29	mg/L	CAMO-19-166470
263299	SIMR-2	885.0	01/17/2019	WG	Dissolved Oxygen	7.44	mg/L	CAMO-19-165994
259989	SIMR-2	885.0	12/20/2018	WG	Dissolved Oxygen	7.36	mg/L	CAMO-19-164872
256819	SIMR-2	885.0	11/15/2018	WG	Dissolved Oxygen	7.21	mg/L	CAMO-19-164008
252583	SIMR-2	885.0	10/29/2018	WG	Dissolved Oxygen	7.15	mg/L	CAMO-19-163730
248164	SIMR-2	885.0	09/13/2018	WG	Dissolved Oxygen	7.05	mg/L	CAMO-18-160812
304184	SIMR-2	885.0	11/13/2019	WG	Flow (in gpm)	3.57	gpm	CAMO-20-189197
293980	SIMR-2	885.0	09/24/2019	WG	Flow (in gpm)	3.57	gpm	CAMO-19-186544
290892	SIMR-2	885.0	08/21/2019	WG	Flow (in gpm)	3.57	gpm	CAMO-19-184745
286670	SIMR-2	885.0	07/18/2019	WG	Flow (in gpm)	3.49	gpm	CAMO-19-181870
282536	SIMR-2	885.0	06/12/2019	WG	Flow (in gpm)	3.45	gpm	CAMO-19-181699
279782	SIMR-2	885.0	05/21/2019	WG	Flow (in gpm)	3.80	gpm	CAMO-19-175175
276422	SIMR-2	885.0	04/29/2019	WG	Flow (in gpm)	3.65	gpm	CAMO-19-174835

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Field Matrix	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
268366	SIMR-2	885.0	03/21/2019	WG	Flow (in gpm)	3.89	gpm	CAMO-19-167716
263298	SIMR-2	885.0	01/17/2019	WG	Flow (in gpm)	3.57	gpm	CAMO-19-165994
259988	SIMR-2	885.0	12/20/2018	WG	Flow (in gpm)	3.70	gpm	CAMO-19-164872
256818	SIMR-2	885.0	11/15/2018	WG	Flow (in gpm)	3.75	gpm	CAMO-19-164008
252582	SIMR-2	885.0	10/29/2018	WG	Flow (in gpm)	3.80	gpm	CAMO-19-163730
248163	SIMR-2	885.0	09/13/2018	WG	Flow (in gpm)	3.52	gpm	CAMO-18-160812
304181	SIMR-2	885.0	11/13/2019	WG	Oxidation-Reduction Potential	222.6	mV	CAMO-20-189197
293983	SIMR-2	885.0	09/24/2019	WG	Oxidation-Reduction Potential	144.0	mV	CAMO-19-186544
290895	SIMR-2	885.0	08/21/2019	WG	Oxidation-Reduction Potential	182.4	mV	CAMO-19-184745
286673	SIMR-2	885.0	07/18/2019	WG	Oxidation-Reduction Potential	166.2	mV	CAMO-19-181870
282559	SIMR-2	885.0	06/12/2019	WG	Oxidation-Reduction Potential	251.4	mV	CAMO-19-181699
279785	SIMR-2	885.0	05/21/2019	WG	Oxidation-Reduction Potential	126.8	mV	CAMO-19-175175
276425	SIMR-2	885.0	04/29/2019	WG	Oxidation-Reduction Potential	250.9	mV	CAMO-19-174835
268351	SIMR-2	885.0	03/21/2019	WG	Oxidation-Reduction Potential	188.6	mV	CAMO-19-167716
265795	SIMR-2	885.0	02/14/2019	WG	Oxidation-Reduction Potential	204.9	mV	CAMO-19-166470
263301	SIMR-2	885.0	01/17/2019	WG	Oxidation-Reduction Potential	197.6	mV	CAMO-19-165994
260062	SIMR-2	885.0	12/20/2018	WG	Oxidation-Reduction Potential	281.4	mV	CAMO-19-164872
256821	SIMR-2	885.0	11/15/2018	WG	Oxidation-Reduction Potential	288.4	mV	CAMO-19-164008
252599	SIMR-2	885.0	10/29/2018	WG	Oxidation-Reduction Potential	264.6	mV	CAMO-19-163730
248166	SIMR-2	885.0	09/13/2018	WG	Oxidation-Reduction Potential	318.2	mV	CAMO-18-160812
304187	SIMR-2	885.0	11/13/2019	WG	pH	7.79	SU	CAMO-20-189197
293932	SIMR-2	885.0	09/24/2019	WG	pH	7.86	SU	CAMO-19-186544
290901	SIMR-2	885.0	08/21/2019	WG	pH	7.76	SU	CAMO-19-184745
286675	SIMR-2	885.0	07/18/2019	WG	pH	7.81	SU	CAMO-19-181870
282561	SIMR-2	885.0	06/12/2019	WG	pH	7.86	SU	CAMO-19-181699
279787	SIMR-2	885.0	05/21/2019	WG	pH	7.72	SU	CAMO-19-175175
276431	SIMR-2	885.0	04/29/2019	WG	pH	7.85	SU	CAMO-19-174835

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Field Matrix	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
268329	SIMR-2	885.0	03/21/2019	WG	pH	7.81	SU	CAMO-19-167716
265800	SIMR-2	885.0	02/14/2019	WG	pH	7.90	SU	CAMO-19-166470
263366	SIMR-2	885.0	01/17/2019	WG	pH	7.91	SU	CAMO-19-165994
260064	SIMR-2	885.0	12/20/2018	WG	pH	7.86	SU	CAMO-19-164872
256761	SIMR-2	885.0	11/15/2018	WG	pH	7.85	SU	CAMO-19-164008
252601	SIMR-2	885.0	10/29/2018	WG	pH	7.75	SU	CAMO-19-163730
248219	SIMR-2	885.0	09/13/2018	WG	pH	7.90	SU	CAMO-18-160812
304242	SIMR-2	885.0	11/13/2019	WG	Specific Conductance	129.7	µS/cm	CAMO-20-189197
293934	SIMR-2	885.0	09/24/2019	WG	Specific Conductance	131.4	µS/cm	CAMO-19-186544
290897	SIMR-2	885.0	08/21/2019	WG	Specific Conductance	259.4	µS/cm	CAMO-19-184745
286609	SIMR-2	885.0	07/18/2019	WG	Specific Conductance	132.3	µS/cm	CAMO-19-181870
282563	SIMR-2	885.0	06/12/2019	WG	Specific Conductance	131.0	µS/cm	CAMO-19-181699
279729	SIMR-2	885.0	05/21/2019	WG	Specific Conductance	130.1	µS/cm	CAMO-19-175175
276427	SIMR-2	885.0	04/29/2019	WG	Specific Conductance	131.4	µS/cm	CAMO-19-174835
268331	SIMR-2	885.0	03/21/2019	WG	Specific Conductance	131.0	µS/cm	CAMO-19-167716
265797	SIMR-2	885.0	02/14/2019	WG	Specific Conductance	130.6	µS/cm	CAMO-19-166470
263368	SIMR-2	885.0	01/17/2019	WG	Specific Conductance	131.5	µS/cm	CAMO-19-165994
260066	SIMR-2	885.0	12/20/2018	WG	Specific Conductance	131.8	µS/cm	CAMO-19-164872
256763	SIMR-2	885.0	11/15/2018	WG	Specific Conductance	132.2	µS/cm	CAMO-19-164008
252603	SIMR-2	885.0	10/29/2018	WG	Specific Conductance	131.6	µS/cm	CAMO-19-163730
248221	SIMR-2	885.0	09/13/2018	WG	Specific Conductance	132.6	µS/cm	CAMO-18-160812
304243	SIMR-2	885.0	11/13/2019	WG	Temperature	19.9	deg C	CAMO-20-189197
293935	SIMR-2	885.0	09/24/2019	WG	Temperature	21.0	deg C	CAMO-19-186544
290898	SIMR-2	885.0	08/21/2019	WG	Temperature	21.2	deg C	CAMO-19-184745
286610	SIMR-2	885.0	07/18/2019	WG	Temperature	20.8	deg C	CAMO-19-181870
282564	SIMR-2	885.0	06/12/2019	WG	Temperature	20.7	deg C	CAMO-19-181699
279730	SIMR-2	885.0	05/21/2019	WG	Temperature	19.9	deg C	CAMO-19-175175

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Field Matrix	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
276428	SIMR-2	885.0	04/29/2019	WG	Temperature	21.0	deg C	CAMO-19-174835
268353	SIMR-2	885.0	03/21/2019	WG	Temperature	18.6	deg C	CAMO-19-167716
265798	SIMR-2	885.0	02/14/2019	WG	Temperature	20.2	deg C	CAMO-19-166470
263369	SIMR-2	885.0	01/17/2019	WG	Temperature	20.5	deg C	CAMO-19-165994
260067	SIMR-2	885.0	12/20/2018	WG	Temperature	20.0	deg C	CAMO-19-164872
256764	SIMR-2	885.0	11/15/2018	WG	Temperature	20.2	deg C	CAMO-19-164008
252604	SIMR-2	885.0	10/29/2018	WG	Temperature	20.5	deg C	CAMO-19-163730
248222	SIMR-2	885.0	09/13/2018	WG	Temperature	21.5	deg C	CAMO-18-160812
304190	SIMR-2	885.0	11/13/2019	WG	Turbidity	0.20	NTU	CAMO-20-189197
293984	SIMR-2	885.0	09/24/2019	WG	Turbidity	0.45	NTU	CAMO-19-186544
290900	SIMR-2	885.0	08/21/2019	WG	Turbidity	0.20	NTU	CAMO-19-184745
286612	SIMR-2	885.0	07/18/2019	WG	Turbidity	1.78	NTU	CAMO-19-181870
282538	SIMR-2	885.0	06/12/2019	WG	Turbidity	1.22	NTU	CAMO-19-181699
279732	SIMR-2	885.0	05/21/2019	WG	Turbidity	0.40	NTU	CAMO-19-175175
276430	SIMR-2	885.0	04/29/2019	WG	Turbidity	0.25	NTU	CAMO-19-174835
268355	SIMR-2	885.0	03/21/2019	WG	Turbidity	0.20	NTU	CAMO-19-167716
265799	SIMR-2	885.0	02/14/2019	WG	Turbidity	0.22	NTU	CAMO-19-166470
263371	SIMR-2	885.0	01/17/2019	WG	Turbidity	0.27	NTU	CAMO-19-165994
259991	SIMR-2	885.0	12/20/2018	WG	Turbidity	0.52	NTU	CAMO-19-164872
256823	SIMR-2	885.0	11/15/2018	WG	Turbidity	0.35	NTU	CAMO-19-164008
252585	SIMR-2	885.0	10/29/2018	WG	Turbidity	0.31	NTU	CAMO-19-163730
248224	SIMR-2	885.0	09/13/2018	WG	Turbidity	0.91	NTU	CAMO-18-160812

Notes: Issues with conductivity readings, instrumentation later recalibrated to factory settings. Values are approximately double for the following wells and dates: R-44 S1 and S2, 9/12/2019; R-45 S1 and S2, 8/22/2019; R-50 S21, 08/22/2019; SIMR-2, 08/21/2019.

[a] WG = Groundwater.

[b] SU = Standard unit.

[c] NTU = Nephelometric turbidity unit.

[d] S1 = Screen 1.

[e] S2 = Screen 2.

Appendix B

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

Appendix C

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

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

Acronyms and Abbreviations

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

Acronyms and Abbreviations (continued)

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

Acronyms and Abbreviations (continued)

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

Acronyms and Abbreviations (continued)

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

Acronyms and Abbreviations (continued)

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

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

Analytical Laboratory Qualifiers

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

Analytical Laboratory Qualifiers (continued)

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

Analytical Laboratory Qualifiers (continued)

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

Validation Qualifiers

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

Background Values

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

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

REFERENCE

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

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

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
MCOI-5	689.0	11/13/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.594	—	70	—	ng/L	—	0.594	Y	U	U	N3B-2020-338	CAMO-20-189132	GELC
MCOI-5	689.0	11/13/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.72	—	70	—	ng/L	—	0.72	Y	U	U	N3B-2020-338	CAMO-20-189132	GELC
MCOI-5	689.0	11/13/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanoic acid	335-67-1	Y	1.49	—	70	—	ng/L	—	0.72	Y	J	J	N3B-2020-338	CAMO-20-189132	GELC
MCOI-5	689.0	11/13/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-338	CAMO-20-189132	GELC
MCOI-5	689.0	11/13/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Total PFAS	PFAS-Tot-3a	Y	1.49	—	70	—	ng/L	—	1.8	—	J	—	N3B-2020-338	CAMO-20-189132	GELC
MCOI-5	689.0	07/24/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.91	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-2645	CAMO-19-181822	GELC
MCOI-5	689.0	07/24/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	11.1	—	—	—	mg/L	—	1.45	Y	—	NQ	N3B-2019-2645	CAMO-19-181822	GELC
MCOI-5	689.0	07/24/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.0	—	—	62	mg/L	—	1.45	Y	—	NQ	N3B-2019-2645	CAMO-19-181822	GELC
MCOI-5	689.0	07/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[j]	µg/L	—	68.0	Y	U	U	N3B-2019-2645	CAMO-19-181822	GELC
MCOI-5	689.0	07/24/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.0606*[j]	mg/L	—	0.017	Y	U	U	N3B-2019-2645	CAMO-19-181822	GELC
MCOI-5	689.0	07/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	6	1*[j]	µg/L	—	1.0	Y	U	U	N3B-2019-2645	CAMO-19-181822	GELC
MCOI-5	689.0	07/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.85	—	10	2.82*[j]	µg/L	—	2.0	Y	J	J	N3B-2019-2645	CAMO-19-181822	GELC
MCOI-5	689.0	07/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	36.6	—	2000	13.5	µg/L	—	1.0	Y	—	NQ	N3B-2019-2645	CAMO-19-181822	GELC
MCOI-5	689.0	07/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[j]	µg/L	—	1.0	Y	U	U	N3B-2019-2645	CAMO-19-181822	GELC
MCOI-5	689.0	07/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	22.3	—	750	16.2*[j]	µg/L	—	15.0	Y	J	J	N3B-2019-2645	CAMO-19-181822	GELC
MCOI-5	689.0	07/24/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.256	—	—	0.0716*[j]	mg/L	—	0.067	Y	—	NQ	N3B-2019-2645	CAMO-19-181822	GELC
MCOI-5	689.0	07/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	5	0.11*[j]	µg/L	—	0.3	Y	U	U	N3B-2019-2645	CAMO-19-181822	GELC
MCOI-5	689.0	07/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	36.7	—	—	10.7	mg/L	—	0.05	Y	—	NQ	N3B-2019-2645	CAMO-19-181822	GELC
MCOI-5	689.0	07/24/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	18.8	—	250	3.11	mg/L	—	0.335	Y	—	J-	N3B-2019-2645	CAMO-19-181822	GELC
MCOI-5	689.0	07/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	13.0	—	50	2.72*[j]	µg/L	—	3.0	Y	—	NQ	N3B-2019-2645	CAMO-19-181822	GELC
MCOI-5	689.0	07/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[j]	µg/L	—	1.0	Y	U	U	N3B-2019-2645	CAMO-19-181822	GELC
MCOI-5	689.0	07/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[j]	µg/L	—	3.0	Y	U	U	N3B-2019-2645	CAMO-19-181822	GELC
MCOI-5	689.0	07/24/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00204	—	200	0.0017*[j]	mg/L	—	0.00167	Y	J	J	N3B-2019-2645	CAMO-19-181823	GELC
MCOI-5	689.0	07/24/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.291	—	1.6	0.234	mg/L	—	0.033	Y	—	NQ	N3B-2019-2645	CAMO-19-181822	GELC
MCOI-5	689.0	07/24/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	120.0	—	—	37.8	mg/L	—	0.453	Y	—	NQ	N3B-2019-2645	CAMO-19-181822	GELC
MCOI-5	689.0	07/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	54.1*[j]	µg/L	—	30.0	Y	U	U	N3B-2019-2645	CAMO-19-181822	GELC
MCOI-5	689.0	07/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	15	0.5*[j]	µg/L	—	0.5	Y	U	U	N3B-2019-2645	CAMO-19-181822	GELC
MCOI-5	689.0	07/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.94	—	—	3.14	mg/L	—	0.11	Y	—	NQ	N3B-2019-2645	CAMO-19-181822	GELC
MCOI-5	689.0	07/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	8.39*[j]	µg/L	—	2.0	Y	U	U	N3B-2019-2645	CAMO-19-181822	GELC
MCOI-5	689.0	07/24/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[j]	µg/L	—	0.067	Y	U	U	N3B-2019-2645	CAMO-19-181822	GELC
MCOI-5	689.0	07/24/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[j]	µg/L	—	0.067	Y	U	U	N3B-2019-2645	CAMO-19-181823	GELC
MCOI-5	689.0	07/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.54	—	1000	2.9	µg/L	—	0.2	Y	—	NQ	N3B-2019-2645	CAMO-19-181822	GELC
MCOI-5	689.0	07/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.1	—	200	3.65	µg/L	—	0.6	Y	J	J	N3B-2019-2645	CAMO-19-181822	GELC
MCOI-5	689.0	07/24/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	11.6	—	10	0.459	mg/L	—	0.17	Y	—	NQ	N3B-2019-2645	CAMO-19-181822	GELC
MCOI-5	689.0	07/24/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	151.0	—	13.8	0.27	µg/L	—	10.0	Y	—	NQ	N3B-2019-2645	CAMO-19-181822	GELC
MCOI-5	689.0	07/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.655	—	—	2.35	mg/L	—	0.05	Y	—	NQ	N3B-2019-2645	CAMO-19-181822	GELC
MCOI-5	689.0	07/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	50	1.5*[j]	µg/L	—	2.0	Y	U	U	N3B-2019-2645	CAMO-19-181822	GELC
MCOI-5	689.0	07/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	59.4	—	—	75	mg/L	—	0.053	Y	—	NQ	N3B-2019-2645	CAMO-19-181822	GELC
MCOI-5	689.0	07/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	50	0.2*[j]	µg/L	—	0.3	Y	U	U	N3B-2019-2645	CAMO-19-181822	GELC
MCOI-5	689.0	07/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	16.8	—	—	18.2	mg/L	—	0.1	Y	—	NQ	N3B-2019-2645	CAMO-19-181822	GELC
MCOI-5	689.0	07/24/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	350.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-2645	CAMO-19-181822	GELC
MCOI-5	689.0	07/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	186.0	—	11800	59.6	µg/L	—	1.0	Y	—	NQ	N3B-2019-2645	CAMO-19-181822	GELC
MCOI-5	689.0	07/24/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	31.2	—	600	7.1	mg/L	—	0.665	Y	—	J-	N3B-2019-2645	CAMO-19-181822	GELC
MCOI-5	689.0	07/24/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2645	CAMO-19-181822	GELC
MCOI-5	689.0	07/24/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2645	CAMO-19-181823	GELC
MCOI-5	689.0	07/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	2	0.45*[j]	µg/L	—	0.6	Y	U	U	N3B-2019-2645	CAMO-19-181822	GELC
MCOI-5	689.0	07/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.98	—	12000	13*[j]	µg/L	—	2.5	Y	J	U	N3B-2019-2645	CAMO-19-181822	GELC
MCOI-5	689.0	07/24/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	309.0	—	1000	135*[j]	mg/L	—	3.4	Y	—	NQ	N3B-2019-2645	CAMO-19-181822	GELC
MCOI-5	689.0	07/24/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.173*[j]	mg/L	—	0.033	Y	U	U	N3B-2019-2645	CAMO-19-181823	GELC
MCOI-5	689.0	07/24/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.472	—	—	1.35	mg/L	—	0.33	Y	J	J	N3B-2019-2645	CAMO-19-181823	GELC
MCOI-5	689.0	07/24/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.122	—	—	0.178*[j]	mg/L	—	0.02	Y	—	NQ	N3B-2019-2645	CAMO-19-181822	GELC
MCOI-5	689.0	07/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.236	—	30	0.992	µg/L	—	0.067	Y	—	NQ	N3B-2019-2645	CAMO-19-181822	GELC
MCOI-5	689.0	07/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.45	—	63.1	9.29	µg/L	—	1.0	Y	J	J	N3B-2019-2645	CAMO-19-181822	GELC
MCOI-5	689.0	07/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	10.4	—	10000	17.4*[j]	µg/L	—	3.3	Y	J	U	N3B-2019-2645	CAMO-19-181822	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.3	—	535	—	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	14100	—	µg/L	—	1.5	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	9.07	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-1823	CAMO-19-175108	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	17.9	—	—	—	mg/L	—	1.45	Y	—	NQ	N3B-2019-1823	CAMO-19-175108	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
MCOI-5	689.0	05/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	54.6	—	—	62	mg/L	—	1.45	Y	—	NQ	N3B-2019-1823	CAMO-19-175108	GELC
MCOI-5	689.0	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[j]	µg/L	—	68.0	Y	U	U	N3B-2019-1823	CAMO-19-175108	GELC
MCOI-5	689.0	05/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0492	—	—	0.0606*[j]	mg/L	—	0.017	Y	J	U	N3B-2019-1823	CAMO-19-175108	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.2	—	130	—	µg/L	—	4.2	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.3	—	1720	—	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	6	1*[j]	µg/L	—	1.0	Y	U	U	N3B-2019-1823	CAMO-19-175108	GELC
MCOI-5	689.0	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.32	—	10	2.82*[j]	µg/L	—	2.0	Y	J	J	N3B-2019-1823	CAMO-19-175108	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	3.0	—	3	—	µg/L	—	3.0	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Azobenzene	103-33-3	N	3.0	—	1.2	—	µg/L	—	3.0	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	30.9	—	2000	13.5	µg/L	—	1.0	Y	—	NQ	N3B-2019-1823	CAMO-19-175108	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	3.9	—	0.00109	—	µg/L	—	3.9	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.3	—	0.12	—	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.3	—	0.2	—	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.3	—	0.343	—	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.3	—	3.43	—	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.0	—	75000	—	µg/L	—	6.0	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	3.0	—	2000	—	µg/L	—	3.0	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[j]	µg/L	—	1.0	Y	U	U	N3B-2019-1823	CAMO-19-175108	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	3.0	—	59	—	µg/L	—	3.0	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	3.0	—	0.137	—	µg/L	—	3.0	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.3	—	6	—	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	22.7	—	750	16.2*[j]	µg/L	—	15.0	Y	J	J	N3B-2019-1823	CAMO-19-175108	GELC
MCOI-5	689.0	05/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.254	—	—	0.0716*[j]	mg/L	—	0.067	Y	—	NQ	N3B-2019-1823	CAMO-19-175108	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	1.34	—	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.3	—	160	—	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	5	0.11*[j]	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175108	GELC
MCOI-5	689.0	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	30.7	—	—	10.7	mg/L	—	0.05	Y	—	NQ	N3B-2019-1823	CAMO-19-175108	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	18.0	—	250	3.11	mg/L	—	0.134	Y	—	NQ	N3B-2019-1823	CAMO-19-175108	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	3.0	—	1400	—	µg/L	—	3.0	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.3	—	3.7	—	µg/L	—	3.3	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	1.68	—	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.41	—	733	—	µg/L	—	0.41	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	3.0	—	91	—	µg/L	—	3.0	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	10.9	—	50	2.72*[j]	µg/L	—	3.0	Y	—	NQ	N3B-2019-1823	CAMO-19-175108	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.3	—	34.3	—	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[j]	µg/L	—	1.0	Y	U	U	N3B-2019-1823	CAMO-19-175108	GELC
MCOI-5	689.0	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[j]	µg/L	—	3.0	Y	U	U	N3B-2019-1823	CAMO-19-175108	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00301	—	200	0.0017*[j]	mg/L	—	0.00167	Y	J	J	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.3	—	0.0343	—	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC

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Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	3.0	—	7.9	—	µg/L	—	3.0	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	3.0	—	600	—	µg/L	—	3.0	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	3.0	—	75	—	µg/L	—	3.0	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	3.0	—	1.25	—	µg/L	—	3.0	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	3.0	—	45.3	—	µg/L	—	3.0	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.3	—	14800	—	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.3	—	612	—	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	3.0	—	354	—	µg/L	—	3.0	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.3	—	885	—	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.0	—	1.52	—	µg/L	—	3.0	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	5.0	—	38.7	—	µg/L	—	5.0	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	3.0	—	2.37	—	µg/L	—	3.0	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	3.0	—	0.485	—	µg/L	—	3.0	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	3.0	—	7	—	µg/L	—	3.0	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	Y	22.9	—	4.59	—	µg/L	—	3.0	Y	—	NQ	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	3.0	—	122	—	µg/L	—	3.0	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.3	—	802	—	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.3	—	288	—	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.432	—	1.6	0.234	mg/L	—	0.033	Y	—	NQ	N3B-2019-1823	CAMO-19-175108	GELC
MCOI-5	689.0	05/08/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	105.0	—	—	37.8	mg/L	—	0.453	Y	—	NQ	N3B-2019-1823	CAMO-19-175108	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	3.0	—	1	—	µg/L	—	3.0	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	3.0	—	1.39	—	µg/L	—	3.0	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	3.0	—	50	—	µg/L	—	3.0	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	3.0	—	3.28	—	µg/L	—	3.0	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.3	—	0.343	—	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	54.1*[j]	µg/L	—	30.0	Y	U	U	N3B-2019-1823	CAMO-19-175108	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.5	—	781	—	µg/L	—	3.5	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	15	0.5*[j]	µg/L	—	0.5	Y	U	U	N3B-2019-1823	CAMO-19-175108	GELC
MCOI-5	689.0	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.9	—	—	3.14	mg/L	—	0.11	Y	—	NQ	N3B-2019-1823	CAMO-19-175108	GELC
MCOI-5	689.0	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	8.39*[j]	µg/L	—	2.0	Y	U	U	N3B-2019-1823	CAMO-19-175108	GELC
MCOI-5	689.0	05/08/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[j]	µg/L	—	0.067	Y	U	U	N3B-2019-1823	CAMO-19-175108	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[j]	µg/L	—	0.067	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.3	—	11.4	—	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.3	—	35.1	—	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	3.0	—	930	—	µg/L	—	3.0	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.7	—	1900	—	µg/L	—	3.7	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	1.59	—	1000	2.9	µg/L	—	0.2	Y	—	U	N3B-2019-1823	CAMO-19-175108	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.719	—	200	3.65	µg/L	—	0.6	Y	J	J	N3B-2019-1823	CAMO-19-175108	GELC
MCOI-5	689.0	05/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	12.5	—	10	0.459	mg/L	—	0.425	Y	—	NQ	N3B-2019-1823	CAMO-19-175108	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	3.0	—	190	—	µg/L	—	3.0	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	3.0	—	38	—	µg/L	—	3.0	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	3.0	—	1.4	—	µg/L	—	3.0	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.0	—	0.00167	—	µg/L	—	3.0	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.0	—	0.00491	—	µg/L	—	3.0	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.0	—	0.0273	—	µg/L	—	3.0	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.0	—	0.11	—	µg/L	—	3.0	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	3.0	—	0.37	—	µg/L	—	3.0	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.0	—	9.81	—	µg/L	—	3.0	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	3.0	—	3.07	—	µg/L	—	3.0	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	3.0	—	1	—	µg/L	—	3.0	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	170.0	—	13.8	0.27	µg/L	—	10.0	Y	—	NQ	N3B-2019-1823	CAMO-19-175108	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.3	—	170	—	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	3.0	—	5	—	µg/L	—	3.0	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.654	—	—	2.35	mg/L	—	0.05	Y	—	NQ	N3B-2019-1823	CAMO-19-175108	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.3	—	117	—	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	3.0	—	20	—	µg/L	—	3.0	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	50	1.5*[j]	µg/L	—	2.0	Y	U	U	N3B-2019-1823	CAMO-19-175108	GELC
MCOI-5	689.0	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	55.0	—	—	75	mg/L	—	0.053	Y	—	NQ	N3B-2019-1823	CAMO-19-175108	GELC
MCOI-5	689.0	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	50	0.2*[j]	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175108	GELC
MCOI-5	689.0	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	16.6	—	—	18.2	mg/L	—	0.1	Y	—	NQ	N3B-2019-1823	CAMO-19-175108	GELC
MCOI-5	689.0	05/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	330.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-1823	CAMO-19-175108	GELC
MCOI-5	689.0	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	173.0	—	11800	59.6	µg/L	—	1.0	Y	—	NQ	N3B-2019-1823	CAMO-19-175108	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.59	—	100	—	µg/L	—	0.3	Y	J	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	31.9	—	600	7.1	mg/L	—	0.266	Y	—	NQ	N3B-2019-1823	CAMO-19-175108	GELC
MCOI-5	689.0	05/08/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1823	CAMO-19-175108	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.0	—	1.66	—	µg/L	—	3.0	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.0	—	240	—	µg/L	—	3.0	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	2	0.45*[j]	µg/L	—	0.6	Y	U	U	N3B-2019-1823	CAMO-19-175108	GELC
MCOI-5	689.0	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	14.0	—	12000	13*[j]	µg/L	—	2.5	Y	—	NQ	N3B-2019-1823	CAMO-19-175108	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	196.0	—	1000	135*[j]	mg/L	—	3.4	Y	—	J+	N3B-2019-1823	CAMO-19-175108	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.368	—	—	0.173*[j]	mg/L	—	0.033	Y	—	NQ	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.449	—	—	1.35	mg/L	—	0.33	Y	J	J	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0465	—	—	0.178*[j]	mg/L	—	0.02	Y	J	U	N3B-2019-1823	CAMO-19-175108	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	3.0	—	70	—	µg/L	—	3.0	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	3.0	—	1170	—	µg/L	—	3.0	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	3.0	—	11.9	—	µg/L	—	3.0	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.208	—	30	0.992	µg/L	—	0.067	Y	—	NQ	N3B-2019-1823	CAMO-19-175108	GELC
MCOI-5	689.0	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.02	—	63.1	9.29	µg/L	—	1.0	Y	J	J	N3B-2019-1823	CAMO-19-175108	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	10000	17.4*[j]	µg/L	—	3.3	Y	U	U	N3B-2019-1823	CAMO-19-175108	GELC
MCOI-5	689.0	01/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.88	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-751	CAMO-19-165956	GELC
MCOI-5	689.0	01/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	10.0	—	—	—	mg/L	—	1.45	Y	—	NQ	N3B-2019-751	CAMO-19-165956	GELC
MCOI-5	689.0	01/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	57.4	—	—	62	mg/L	—	1.45	Y	—	NQ	N3B-2019-751	CAMO-19-165956	GELC
MCOI-5	689.0	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[j]	µg/L	—	68.0	Y	U	U	N3B-2019-751	CAMO-19-165956	GELC
MCOI-5	689.0	01/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0517	—	—	0.0606*[j]	mg/L	—	0.017	Y	—	NQ	N3B-2019-751	CAMO-19-165956	GELC
MCOI-5	689.0	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	6	1*[j]	µg/L	—	1.0	Y	U	U	N3B-2019-751	CAMO-19-165956	GELC
MCOI-5	689.0	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.9	—	10	2.82*[j]	µg/L	—	2.0	Y	J	J	N3B-2019-751	CAMO-19-165956	GELC
MCOI-5	689.0	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	34.1	—	2000	13.5	µg/L	—	1.0	Y	—	NQ	N3B-2019-751	CAMO-19-165956	GELC
MCOI-5	689.0	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[j]	µg/L	—	1.0	Y	U	U	N3B-2019-751	CAMO-19-165956	GELC
MCOI-5	689.0	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	23.4	—	750	16.2*[j]	µg/L	—	15.0	Y	J	J	N3B-2019-751	CAMO-19-165956	GELC
MCOI-5	689.0	01/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.237	—	—	0.0716*[j]	mg/L	—	0.067	Y	—	NQ	N3B-2019-751	CAMO-19-165956	GELC
MCOI-5	689.0	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	5	0.11*[j]	µg/L	—	0.3	Y	U	U	N3B-2019-751	CAMO-19-165956	GELC
MCOI-5	689.0	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	37.0	—	—	10.7	mg/L	—	0.05	Y	—	NQ	N3B-2019-751	CAMO-19-165956	GELC
MCOI-5	689.0	01/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	18.1	—	250	3.11	mg/L	—	0.134	Y	—	NQ	N3B-2019-751	CAMO-19-165956	GELC
MCOI-5	689.0	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	11.2	—	50	2.72*[j]	µg/L	—	3.0	Y	—	NQ	N3B-2019-751	CAMO-19-165956	GELC
MCOI-5	689.0	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[j]	µg/L	—	1.0	Y	U	U	N3B-2019-751	CAMO-19-165956	GELC
MCOI-5	689.0	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[j]	µg/L	—	3.0	Y	U	U	N3B-2019-751	CAMO-19-165956	GELC
MCOI-5	689.0	01/11/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00438	—	200	0.0017*[j]	mg/L	—	0.00167	Y	J	J	N3B-2019-751	CAMO-19-165957	GELC
MCOI-5	689.0	01/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.139	—	1.6	0.234	mg/L	—	0.033	Y	—	NQ	N3B-2019-751	CAMO-19-165956	GELC
MCOI-5	689.0	01/11/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	123.0	—	—	37.8	mg/L	—	0.453	Y	—	NQ	N3B-2019-751	CAMO-19-165956	GELC
MCOI-5	689.0	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	54.1*[j]	µg/L	—	30.0	Y	U	U	N3B-2019-751	CAMO-19-165956	GELC
MCOI-5	689.0	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	15	0.5*[j]	µg/L	—	0.5	Y	U	U	N3B-2019-751	CAMO-19-165956	GELC
MCOI-5	689.0	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	7.47	—	—	3.14	mg/L	—	0.11	Y	—	NQ	N3B-2019-751	CAMO-19-165956	GELC
MCOI-5	689.0	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	8.39*[j]	µg/L	—	2.0	Y	U	U	N3B-2019-751	CAMO-19-165956	GELC
MCOI-5	689.0	01/11/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[j]	µg/L	—	0.067	Y	U	U	N3B-2019-751	CAMO-19-165956	GELC
MCOI-5	689.0	01/11/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[j]	µg/L	—	0.067	Y	U	U	N3B-2019-751	CAMO-19-165957	GELC
MCOI-5	689.0	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.27	—	1000	2.9	µg/L	—	0.2	Y	—	NQ	N3B-2019-751	CAMO-19-165956	GELC
MCOI-5	689.0	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.87	—	200	3.65	µg/L	—	0.6	Y	J	J	N3B-2019-751	CAMO-19-165956	GELC
MCOI-5	689.0	01/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	14.0	—	10	0.459	mg/L	—	0.17	Y	—	NQ	N3B-2019-751	CAMO-19-165956	GELC
MCOI-5	689.0	01/11/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	213.0	—	13.8	0.27	µg/L	—	10.0	Y	—	NQ	N3B-2019-751	CAMO-19-165956	GELC
MCOI-5	689.0	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.644	—	—	2.35	mg/L	—	0.05	Y	—	NQ	N3B-2019-751	CAMO-19-165956	GELC
MCOI-5	689.0	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	50	1.5*[j]	µg/L	—	2.0	Y	U	U	N3B-2019-751	CAMO-19-165956	GELC
MCOI-5	689.0	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	60.9	—	—	75	mg/L	—	0.053	Y	—	NQ	N3B-2019-751	CAMO-19-165956	GELC
MCOI-5	689.0	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	50	0.2*[j]	µg/L	—	0.3	Y	U	U	N3B-2019-751	CAMO-19-165956	GELC
MCOI-5	689.0	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	18.1	—	—	18.2	mg/L	—	0.1	Y	—	NQ	N3B-2019-751	CAMO-19-165956	GELC
MCOI-5	689.0	01/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	348.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-751	CAMO-19-165956	GELC
MCOI-5	689.0	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	189.0	—	11800	59.6	µg/L	—	1.0	Y	—	NQ	N3B-2019-751	CAMO-19-165956	GELC
MCOI-5	689.0	01/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	33.2	—	600	7.1	mg/L	—	0.266	Y	—	NQ	N3B-2019-751	CAMO-19-165956	GELC
MCOI-5	689.0	01/11/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-751	CAMO-19-165956	GELC
MCOI-5	689.0	01/11/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-751	CAMO-19-165957	GELC
MCOI-5	689.0	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	2	0.45*[j]	µg/L	—	0.6	Y	U	U	N3B-2019-751	CAMO-19-165956	GELC
MCOI-5	689.0	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	8.7	—	12000	13*[j]	µg/L	—	2.5	Y	J	J	N3B-2019-751	CAMO-19-165956	GELC
MCOI-5	689.0	01/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	286.0	—	1000	135*[j]	mg/L	—	3.4	Y	—	NQ	N3B-2019-751	CAMO-19-165956	GELC
MCOI-5	689.0	01/11/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0556	—	—	0.173*[j]	mg/L	—	0.033	Y	J	J	N3B-2019-751	CAMO-19-165957	GELC
MCOI-5	689.0	01/11/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.403	—	—	1.35	mg/L	—	0.33	Y	J	J	N3B-2019-751	CAMO-19-165957	GELC
MCOI-5	689.0	01/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0238	—	—	0.178*[j]	mg/L	—	0.02	Y	J	J	N3B-2019-751	CAMO-19-165956	GELC
MCOI-5	689.0	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.25	—	30	0.992	µg/L	—	0.067	Y	—	NQ	N3B-2019-751	CAMO-19-165956	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
MCOI-5	689.0	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.56	—	63.1	9.29	µg/L	—	1.0	Y	J	J	N3B-2019-751	CAMO-19-165956	GELC
MCOI-5	689.0	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	10000	17.4*[j]	µg/L	—	3.3	Y	U	U	N3B-2019-751	CAMO-19-165956	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.3	—	535	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	2.16	—	14100	—	µg/L	—	1.5	Y	J	J	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.8	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	86.4	—	—	62	mg/L	—	1.45	Y	—	NQ	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[j]	µg/L	—	68.0	Y	U	U	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00618	0.00618	—	0.00829*[j]	pCi/L	0.0413	—	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0525	—	—	0.0606*[j]	mg/L	—	0.017	Y	—	NQ	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.2	—	130	—	µg/L	—	4.2	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.3	—	1720	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1.0	—	6	1*[j]	µg/L	—	1.0	Y	U	U	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1016	12674-11-2	N	0.0334	—	0.5	—	µg/L	—	0.0334	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1221	11104-28-2	N	0.0334	—	0.5	—	µg/L	—	0.0334	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1232	11141-16-5	N	0.0334	—	0.5	—	µg/L	—	0.0334	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1242	53469-21-9	N	0.0334	—	0.5	—	µg/L	—	0.0334	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1248	12672-29-6	N	0.0334	—	0.5	—	µg/L	—	0.0334	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1254	11097-69-1	N	0.0334	—	0.5	—	µg/L	—	0.0334	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1260	11096-82-5	N	0.0334	—	0.5	—	µg/L	—	0.0334	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.49	—	10	2.82*[j]	µg/L	—	2.0	Y	J	J	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	3.0	—	3	—	µg/L	—	3.0	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Azobenzene	103-33-3	N	3.0	—	1.2	—	µg/L	—	3.0	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	39.1	—	2000	13.5	µg/L	—	1.0	Y	—	NQ	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	3.9	—	0.00109	—	µg/L	—	3.9	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.3	—	0.12	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.3	—	0.2	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.3	—	0.343	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.3	—	3.43	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.0	—	75000	—	µg/L	—	6.0	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	3.0	—	2000	—	µg/L	—	3.0	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[j]	µg/L	—	1.0	Y	U	U	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	3.0	—	59	—	µg/L	—	3.0	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	3.0	—	0.137	—	µg/L	—	3.0	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.3	—	6	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	50.7	—	750	16.2*[j]	µg/L	—	15.0	Y	—	NQ	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.524	—	—	0.0716*[j]	mg/L	—	0.067	Y	—	NQ	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	1.34	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.3	—	160	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	0.11*[j]	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	60.3	—	—	10.7	mg/L	—	0.05	Y	—	NQ	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.959	1.02	—	2.96*[j]	pCi/L	3.59	—	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	52.1	—	250	3.11	mg/L	—	0.67	Y	—	J+	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	3.0	—	1400	—	µg/L	—	3.0	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.3	—	3.7	—	µg/L	—	3.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	1.68	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.41	—	733	—	µg/L	—	0.41	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	3.0	—	91	—	µg/L	—	3.0	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	66.5	—	50	2.72*[j]	µg/L	—	3.0	Y	—	NQ	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.3	—	34.3	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	Y	1.32	—	50	1*[j]	µg/L	—	1.0	Y	J	J	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.39	1.35	—	2.68*[j]	pCi/L	4.93	—	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	Y	4.45	—	1000	3*[j]	µg/L	—	3.0	Y	J	J	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00291	—	200	0.0017*[j]	mg/L	—	0.00167	Y	J	J	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.3	—	0.0343	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	3.0	—	7.9	—	µg/L	—	3.0	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	3.0	—	600	—	µg/L	—	3.0	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	3.0	—	75	—	µg/L	—	3.0	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	3.0	—	1.25	—	µg/L	—	3.0	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	3.0	—	45.3	—	µg/L	—	3.0	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.3	—	14800	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.3	—	612	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	3.0	—	354	—	µg/L	—	3.0	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.3	—	885	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.0	—	1.52	—	µg/L	—	3.0	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	5.0	—	38.7	—	µg/L	—	5.0	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	3.0	—	2.37	—	µg/L	—	3.0	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	3.0	—	0.485	—	µg/L	—	3.0	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	3.0	—	7	—	µg/L	—	3.0	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	Y	12.1	—	4.59	—	µg/L	—	3.0	Y	—	NQ	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	Y	28.3	—	4.59	—	µg/L	—	0.4	Y	—	NQ	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	3.0	—	122	—	µg/L	—	3.0	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.3	—	802	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.3	—	288	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC

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Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.493	—	1.6	0.234	mg/L	—	0.033	Y	—	NQ	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.86	0.823	15	3.85*[j]	pCi/L	2.91	—	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.86	0.929	—	9.18*[j]	pCi/L	2.19	—	Y	—	NQ	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	202.0	—	—	37.8	mg/L	—	0.453	Y	—	NQ	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	3.0	—	1	—	µg/L	—	3.0	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	3.0	—	1.39	—	µg/L	—	3.0	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	3.0	—	50	—	µg/L	—	3.0	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	3.0	—	3.28	—	µg/L	—	3.0	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.3	—	0.343	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	54.1*[j]	µg/L	—	30.0	Y	U	U	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.5	—	781	—	µg/L	—	3.5	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	—	15	0.5*[j]	µg/L	—	0.5	Y	U	U	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	12.4	—	—	3.14	mg/L	—	0.11	Y	—	NQ	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	3.21	—	200	8.39*[j]	µg/L	—	2.0	Y	J	J	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	—	2	0.067*[j]	µg/L	—	0.067	Y	U	U	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	—	2	0.067*[j]	µg/L	—	0.067	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.3	—	11.4	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.3	—	35.1	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	3.0	—	930	—	µg/L	—	3.0	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.7	—	1900	—	µg/L	—	3.7	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	2.03	—	1000	2.9	µg/L	—	0.2	Y	—	NQ	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.584	2.33	—	5.84*[j]	pCi/L	8.22	—	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	24.7	—	200	3.65	µg/L	—	0.6	Y	—	NQ	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	11.4	—	10	0.459	mg/L	—	0.85	Y	—	NQ	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	3.0	—	190	—	µg/L	—	3.0	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	3.0	—	38	—	µg/L	—	3.0	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	3.0	—	1.4	—	µg/L	—	3.0	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.0	—	0.00167	—	µg/L	—	3.0	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	—	0.00167	—	µg/L	—	0.00018	Y	U	U	N3B-2020-356	CAMO-20-189135	SwRI
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.0	—	0.00491	—	µg/L	—	3.0	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00036	—	0.00491	—	µg/L	—	0.00036	Y	U	U	N3B-2020-356	CAMO-20-189135	SwRI
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.0	—	0.0273	—	µg/L	—	3.0	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.00047	—	0.0273	—	µg/L	—	0.00047	Y	U	UJ	N3B-2020-356	CAMO-20-189135	SwRI
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.0	—	0.11	—	µg/L	—	3.0	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	—	0.11	—	µg/L	—	0.00018	Y	U	U	N3B-2020-356	CAMO-20-189135	SwRI
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	3.0	—	0.37	—	µg/L	—	3.0	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	—	0.37	—	µg/L	—	0.00033	Y	U	U	N3B-2020-356	CAMO-20-189135	SwRI
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.0	—	9.81	—	µg/L	—	3.0	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	3.0	—	3.07	—	µg/L	—	3.0	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	3.0	—	1	—	µg/L	—	3.0	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	94.9	—	13.8	0.27	µg/L	—	5.0	Y	—	NQ	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.586	—	70	—	ng/L	—	0.586	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	Y	0.805	—	70	—	ng/L	—	0.71	Y	J	J	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.71	—	70	—	ng/L	—	0.71	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.3	—	170	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	3.0	—	5	—	µg/L	—	3.0	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00781	0.0101	—	0.00732*[j]	pCi/L	0.0472	—	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00521	0.011	—	0.0132*[j]	pCi/L	0.0458	—	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.973	—	—	2.35	mg/L	—	0.05	Y	—	NQ	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	4.24	23.8	—	38.6*[j]	pCi/L	48.2	—	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	RE	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.0	—	250	2.06*[r]	µg/L	—	3.0	Y	UH	UJ	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.3	—	117	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	3.0	—	20	—	µg/L	—	3.0	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.292	0.0911	5	—	pCi/L	0.186	—	Y	—	NQ	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	1.01	0.234	5	—	pCi/L	—	—	Y	—	NQ	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	Y	0.721	0.216	5	—	pCi/L	0.652	—	Y	—	NQ	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	2.0	—	50	1.5*[j]	µg/L	—	2.0	Y	U	U	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.1	—	—	75	mg/L	—	0.053	Y	—	NQ	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	—	50	0.2*[j]	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	27.2	—	—	18.2	mg/L	—	0.1	Y	—	NQ	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.328	1.17	—	2.02*[j]	pCi/L	4.31	—	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	535.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	275.0	—	11800	59.6	µg/L	—	1.0	Y	—	NQ	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.288	0.15	8	0.282*[j]	pCi/L	0.491	—	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	52.2	—	600	7.1	mg/L	—	1.33	Y	—	NQ	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	11/14/2019	WG	UF	RE	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.0	—	20	2.06*[r]	µg/L	—	3.0	Y	UH	UJ	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.0	—	1.66	—	µg/L	—	3.0	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.0	—	240	—	µg/L	—	3.0	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	—	2	0.45*[j]	µg/L	—	0.6	Y	U	U	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	250.0	—	12000	13*[j]	µg/L	—	250.0	Y	U	U	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	374.0	—	1000	135*[j]	mg/L	—	3.4	Y	—	NQ	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.128	—	—	0.173*[j]	mg/L	—	0.033	Y	—	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.609	—	—	1.35	mg/L	—	0.33	Y	J	J	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Total PFAS	PFAS-Tot-3a	Y	0.805	—	70	—	ng/L	—	1.77	—	J	—	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.159	—	—	0.178*[j]	mg/L	—	0.02	Y	—	NQ	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	3.0	—	70	—	µg/L	—	3.0	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	3.0	—	1170	—	µg/L	—	3.0	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	3.0	—	11.9	—	µg/L	—	3.0	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	Y	3200.0	111.0	20000	2.02*[j]	pCi/L	141.0	—	Y	—	NQ	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.843	—	30	0.992	µg/L	—	0.067	Y	—	NQ	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.596	0.0432	27.2	0.477	pCi/L	0.0599	—	Y	—	NQ	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0478	0.0144	28.8	0.0203*[j]	pCi/L	0.0429	—	Y	—	NQ	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.201	0.0253	30	0.201	pCi/L	0.0701	—	Y	—	NQ	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	N	1.0	—	63.1	9.29	µg/L	—	1.0	Y	U	U	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	23.6	—	10000	17.4*[j]	µg/L	—	3.3	Y	—	NQ	N3B-2020-354	CAMO-20-189134	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.57	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	86.8	—	—	62	mg/L	—	1.45	Y	—	NQ	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[j]	µg/L	—	68.0	Y	U	U	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0198	—	—	0.0606*[j]	mg/L	—	0.017	Y	J	U	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	6	1*[j]	µg/L	—	1.0	Y	U	U	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	2.0	—	10	2.82*[j]	µg/L	—	2.0	Y	U	U	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	37.2	—	2000	13.5	µg/L	—	1.0	Y	—	NQ	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[j]	µg/L	—	1.0	Y	U	U	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	47.8	—	750	16.2*[j]	µg/L	—	15.0	Y	J	J	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.502	—	—	0.0716*[j]	mg/L	—	0.067	Y	—	NQ	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	5	0.11*[j]	µg/L	—	0.3	Y	U	U	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	59.4	—	—	10.7	mg/L	—	0.05	Y	—	NQ	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	49.9	—	250	3.11	mg/L	—	0.67	Y	H	NQ	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	63.7	—	50	2.72*[j]	µg/L	—	3.0	Y	—	NQ	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[j]	µg/L	—	1.0	Y	U	U	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	Y	5.23	—	1000	3*[j]	µg/L	—	3.0	Y	J	J	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	07/23/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00318	—	200	0.0017*[j]	mg/L	—	0.00167	Y	J	J	N3B-2019-2631	CAMO-19-181825	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.668	—	1.6	0.234	mg/L	—	0.033	Y	—	NQ	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	199.0	—	—	37.8	mg/L	—	0.453	Y	—	NQ	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	54.1*[j]	µg/L	—	30.0	Y	U	U	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	15	0.5*[j]	µg/L	—	0.5	Y	U	U	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	12.2	—	—	3.14	mg/L	—	0.11	Y	—	NQ	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	2.14	—	200	8.39*[j]	µg/L	—	2.0	Y	J	J	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[j]	µg/L	—	0.067	Y	U	U	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	07/23/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[j]	µg/L	—	0.067	Y	U	U	N3B-2019-2631	CAMO-19-181825	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.3	—	1000	2.9	µg/L	—	0.2	Y	—	J+	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	17.4	—	200	3.65	µg/L	—	0.6	Y	—	NQ	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	12.4	—	10	0.459	mg/L	—	0.17	Y	—	NQ	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	86.1	—	13.8	0.27	µg/L	—	5.0	Y	—	NQ	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.778	—	—	2.35	mg/L	—	0.05	Y	—	NQ	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	50	1.5*[j]	µg/L	—	2.0	Y	U	U	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.7	—	—	75	mg/L	—	0.053	Y	—	NQ	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	50	0.2*[j]	µg/L	—	0.3	Y	U	U	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	25.0	—	—	18.2	mg/L	—	0.1	Y	—	NQ	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	560.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	261.0	—	11800	59.6	µg/L	—	1.0	Y	—	NQ	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	50.1	—	600	7.1	mg/L	—	1.33	Y	H	NQ	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	07/23/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2631	CAMO-19-181825	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	2	0.45*[j]	µg/L	—	0.6	Y	U	U	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	12000	13*[j]	µg/L	—	2.5	Y	U	U	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	374.0	—	1000	135*[j]	mg/L	—	3.4	Y	—	NQ	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	07/23/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.173*[j]	mg/L	—	0.033	Y	U	U	N3B-2019-2631	CAMO-19-181825	GELC
MCOI-6	686.0	07/23/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.859	—	—	1.35	mg/L	—	0.33	Y	J	J	N3B-2019-2631	CAMO-19-181825	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.146	—	—	0.178*[j]	mg/L	—	0.02	Y	—	NQ	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.754	—	30	0.992	µg/L	—	0.067	Y	—	NQ	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.09	—	63.1	9.29	µg/L	—	1.0	Y	J	J	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	30.1	—	10000	17.4*[j]	µg/L	—	3.3	Y	—	J+	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.313	—	535	—	µg/L	—	0.313	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.313	—	—	—	µg/L	—	0.313	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	14100	—	µg/L	—	1.5	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.58	—	—	—	SU	—	0.01	Y	H	J-	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	UH	U	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	92.4	—	—	62	mg/L	—	1.45	Y	H	NQ	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[j]	µg/L	—	68.0	Y	U	U	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.13	—	—	0.0606*[j]	mg/L	—	0.017	Y	—	NQ	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.38	—	130	—	µg/L	—	4.38	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.313	—	1720	—	µg/L	—	0.313	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	6	1*[j]	µg/L	—	1.0	Y	U	U	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	2.0	—	10	2.82*[j]	µg/L	—	2.0	Y	U	U	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	3.13	—	3	—	µg/L	—	3.13	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Azobenzene	103-33-3	N	3.13	—	1.2	—	µg/L	—	3.13	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	35.3	—	2000	13.5	µg/L	—	1.0	Y	*	NQ	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	4.06	—	0.00109	—	µg/L	—	4.06	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.313	—	0.12	—	µg/L	—	0.313	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.313	—	0.2	—	µg/L	—	0.313	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.313	—	0.343	—	µg/L	—	0.313	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.313	—	—	—	µg/L	—	0.313	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.313	—	3.43	—	µg/L	—	0.313	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.25	—	75000	—	µg/L	—	6.25	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	3.13	—	2000	—	µg/L	—	3.13	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[j]	µg/L	—	1.0	Y	U	U	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	3.13	—	59	—	µg/L	—	3.13	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	3.13	—	0.137	—	µg/L	—	3.13	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	Y	0.333	—	6	—	µg/L	—	0.313	Y	J	J	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	55.3	—	750	16.2*[j]	µg/L	—	15.0	Y	—	NQ	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.47	—	—	0.0716*[j]	mg/L	—	0.067	Y	—	NQ	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	1.34	—	µg/L	—	0.3	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	3.13	—	—	—	µg/L	—	3.13	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.313	—	160	—	µg/L	—	0.313	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	5	0.11*[j]	µg/L	—	0.3	Y	U	U	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	60.1	—	—	10.7	mg/L	—	0.05	Y	—	NQ	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	50.8	—	250	3.11	mg/L	—	0.67	Y	H	NQ	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	3.13	—	1400	—	µg/L	—	3.13	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.44	—	3.7	—	µg/L	—	3.44	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	1.68	—	µg/L	—	0.3	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.427	—	733	—	µg/L	—	0.427	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	3.13	—	91	—	µg/L	—	3.13	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.13	—	—	—	µg/L	—	3.13	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	64.6	—	50	2.72*[j]	µg/L	—	3.0	Y	—	NQ	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.313	—	34.3	—	µg/L	—	0.313	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[j]	µg/L	—	1.0	Y	U	U	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	Y	11.6	—	1000	3*[j]	µg/L	—	3.0	Y	J	J	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00202	—	200	0.0017*[j]	mg/L	—	0.00167	Y	J	J	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.313	—	0.0343	—	µg/L	—	0.313	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	3.13	—	7.9	—	µg/L	—	3.13	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	3.13	—	600	—	µg/L	—	3.13	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.13	—	—	—	µg/L	—	3.13	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	3.13	—	75	—	µg/L	—	3.13	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	3.13	—	1.25	—	µg/L	—	3.13	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	3.13	—	45.3	—	µg/L	—	3.13	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.313	—	14800	—	µg/L	—	0.313	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.313	—	612	—	µg/L	—	0.313	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	3.13	—	354	—	µg/L	—	3.13	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.313	—	885	—	µg/L	—	0.313	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.13	—	1.52	—	µg/L	—	3.13	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	5.21	—	38.7	—	µg/L	—	5.21	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	3.13	—	2.37	—	µg/L	—	3.13	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	3.13	—	0.485	—	µg/L	—	3.13	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.313	—	200	—	µg/L	—	0.313	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	3.13	—	7	—	µg/L	—	3.13	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	Y	10.1	—	4.59	—	µg/L	—	3.13	Y	J	J	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	3.13	—	122	—	µg/L	—	3.13	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.313	—	802	—	µg/L	—	0.313	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.313	—	288	—	µg/L	—	0.313	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.577	—	1.6	0.234	mg/L	—	0.033	Y	—	NQ	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	200.0	—	—	37.8	mg/L	—	0.453	Y	—	NQ	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	3.13	—	1	—	µg/L	—	3.13	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	3.13	—	1.39	—	µg/L	—	3.13	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	3.13	—	50	—	µg/L	—	3.13	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	3.13	—	3.28	—	µg/L	—	3.13	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.313	—	0.343	—	µg/L	—	0.313	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	54.1*[i]	µg/L	—	30.0	Y	U	U	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.65	—	781	—	µg/L	—	3.65	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	15	0.5*[i]	µg/L	—	0.5	Y	U	U	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	12.2	—	—	3.14	mg/L	—	0.11	Y	—	NQ	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	8.39*[i]	µg/L	—	2.0	Y	U	U	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[i]	µg/L	—	0.067	Y	U	U	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[i]	µg/L	—	0.067	Y	U	U	N3B-2019-2011	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.313	—	11.4	—	µg/L	—	0.313	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC

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Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.313	—	35.1	—	µg/L	—	0.313	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	3.13	—	930	—	µg/L	—	3.13	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.85	—	1900	—	µg/L	—	3.85	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.92	—	1000	2.9	µg/L	—	0.2	Y	—	NQ	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.313	—	1.65	—	µg/L	—	0.313	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	Y	0.34	—	1.65	—	µg/L	—	0.3	Y	J	J	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	18.2	—	200	3.65	µg/L	—	0.6	Y	—	NQ	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	11.1	—	10	0.459	mg/L	—	0.17	Y	—	NQ	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	3.13	—	190	—	µg/L	—	3.13	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	3.13	—	—	—	µg/L	—	3.13	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	3.13	—	38	—	µg/L	—	3.13	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	3.13	—	1.4	—	µg/L	—	3.13	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	3.13	—	—	—	µg/L	—	3.13	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	3.13	—	—	—	µg/L	—	3.13	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.13	—	0.00167	—	µg/L	—	3.13	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.13	—	0.00491	—	µg/L	—	3.13	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.13	—	0.0273	—	µg/L	—	3.13	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.13	—	0.11	—	µg/L	—	3.13	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	3.13	—	0.37	—	µg/L	—	3.13	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.13	—	9.81	—	µg/L	—	3.13	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	3.13	—	3.07	—	µg/L	—	3.13	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	3.13	—	1	—	µg/L	—	3.13	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	93.6	—	13.8	0.27	µg/L	—	5.0	Y	H	NQ	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.313	—	170	—	µg/L	—	0.313	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	3.13	—	5	—	µg/L	—	3.13	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.858	—	—	2.35	mg/L	—	0.05	Y	—	NQ	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.313	—	117	—	µg/L	—	0.313	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	3.13	—	20	—	µg/L	—	3.13	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	50	1.5[*j]	µg/L	—	2.0	Y	U	U	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.4	—	—	75	mg/L	—	0.053	Y	—	NQ	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	50	0.2[*j]	µg/L	—	0.3	Y	U	U	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	26.3	—	—	18.2	mg/L	—	0.1	Y	—	NQ	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	551.0	—	—	—	µS/cm	—	0.0	Y	—	NQ	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	270.0	—	11800	59.6	µg/L	—	1.0	Y	—	NQ	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	50.0	—	600	7.1	mg/L	—	1.33	Y	H	NQ	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.13	—	1.66	—	µg/L	—	3.13	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.13	—	240	—	µg/L	—	3.13	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	2	0.45[*j]	µg/L	—	0.6	Y	U	U	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	33.3	—	12000	13[*j]	µg/L	—	2.5	Y	—	J+	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	483.0	—	1000	135[*j]	mg/L	—	3.4	Y	H	NQ	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.17	—	—	0.173[*j]	mg/L	—	0.033	Y	—	NQ	N3B-2019-2011	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.79	—	—	1.35	mg/L	—	0.33	Y	HJ	J	N3B-2019-2011	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0635	—	—	0.178[*j]	mg/L	—	0.02	Y	—	NQ	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	3.13	—	70	—	µg/L	—	3.13	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	3.13	—	1170	—	µg/L	—	3.13	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	3.13	—	11.9	—	µg/L	—	3.13	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.803	—	30	0.992	µg/L	—	0.067	Y	—	NQ	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.22	—	63.1	9.29	µg/L	—	1.0	Y	J	J	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	24.5	—	10000	17.4*[j]	µg/L	—	3.3	Y	—	NQ	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.65	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	86.8	—	—	62	mg/L	—	1.45	Y	—	NQ	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[j]	µg/L	—	68.0	Y	U	U	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0437	—	—	0.0606*[j]	mg/L	—	0.017	Y	J	U	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	6	1*[j]	µg/L	—	1.0	Y	U	U	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.64	—	10	2.82*[j]	µg/L	—	2.0	Y	J	J	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	38.5	—	2000	13.5	µg/L	—	1.0	Y	—	NQ	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[j]	µg/L	—	1.0	Y	U	U	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	54.2	—	750	16.2*[j]	µg/L	—	15.0	Y	—	NQ	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.494	—	—	0.0716*[j]	mg/L	—	0.067	Y	—	NQ	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	5	0.11*[j]	µg/L	—	0.3	Y	U	U	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	59.7	—	—	10.7	mg/L	—	0.05	Y	—	NQ	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	51.4	—	250	3.11	mg/L	—	0.67	Y	—	NQ	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	68.2	—	50	2.72*[j]	µg/L	—	3.0	Y	—	NQ	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[j]	µg/L	—	1.0	Y	U	U	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	Y	4.76	—	1000	3*[j]	µg/L	—	3.0	Y	J	J	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	01/09/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.0035	—	200	0.0017*[j]	mg/L	—	0.00167	Y	J	J	N3B-2019-739	CAMO-19-165955	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.531	—	1.6	0.234	mg/L	—	0.033	Y	—	NQ	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	200.0	—	—	37.8	mg/L	—	0.453	Y	—	NQ	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	54.1*[j]	µg/L	—	30.0	Y	U	U	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	15	0.5*[j]	µg/L	—	0.5	Y	U	U	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	12.5	—	—	3.14	mg/L	—	0.11	Y	—	NQ	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	2.07	—	200	8.39*[j]	µg/L	—	2.0	Y	J	J	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[j]	µg/L	—	0.067	Y	U	U	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	01/09/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[j]	µg/L	—	0.067	Y	U	U	N3B-2019-739	CAMO-19-165955	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.99	—	1000	2.9	µg/L	—	0.2	Y	—	NQ	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	18.8	—	200	3.65	µg/L	—	0.6	Y	—	NQ	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	12.8	—	10	0.459	mg/L	—	0.85	Y	—	NQ	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	109.0	—	13.8	0.27	µg/L	—	5.0	Y	—	NQ	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.824	—	—	2.35	mg/L	—	0.05	Y	—	NQ	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	50	1.5*[j]	µg/L	—	2.0	Y	U	U	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.0	—	—	75	mg/L	—	0.053	Y	—	NQ	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	50	0.2*[j]	µg/L	—	0.3	Y	U	U	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	25.1	—	—	18.2	mg/L	—	0.1	Y	—	NQ	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	546.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	263.0	—	11800	59.6	µg/L	—	1.0	Y	—	NQ	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	50.1	—	600	7.1	mg/L	—	1.33	Y	—	NQ	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	01/09/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-739	CAMO-19-165955	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	2	0.45*[j]	µg/L	—	0.6	Y	U	U	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	12.9	—	12000	13*[j]	µg/L	—	2.5	Y	—	NQ	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	527.0	—	1000	135*[j]	mg/L	—	3.4	Y	—	NQ	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	01/09/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.12	—	—	0.173*[j]	mg/L	—	0.033	Y	—	NQ	N3B-2019-739	CAMO-19-165955	GELC
MCOI-6	686.0	01/09/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.756	—	—	1.35	mg/L	—	0.33	Y	J	J	N3B-2019-739	CAMO-19-165955	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0515	—	—	0.178*[j]	mg/L	—	0.02	Y	—	NQ	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.815	—	30	0.992	µg/L	—	0.067	Y	—	NQ	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.72	—	63.1	9.29	µg/L	—	1.0	Y	J	J	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	24.5	—	10000	17.4*[j]	µg/L	—	3.3	Y	—	NQ	N3B-2019-739	CAMO-19-165954	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.3	—	535	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	1.6	—	14100	—	µg/L	—	1.5	Y	J	J	N3B-2020-295	CAMO-20-189351	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.06	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66.8	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.000000000323	0.00387	—	0.0167*[f]	pCi/L	0.0388	—	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0317	—	—	0.1*[f]	mg/L	—	0.017	Y	J	U	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.2	—	130	—	µg/L	—	4.2	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.3	—	1720	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1016	12674-11-2	N	0.0337	—	0.5	—	µg/L	—	0.0337	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1221	11104-28-2	N	0.0337	—	0.5	—	µg/L	—	0.0337	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1232	11141-16-5	N	0.0337	—	0.5	—	µg/L	—	0.0337	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1242	53469-21-9	N	0.0337	—	0.5	—	µg/L	—	0.0337	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1248	12672-29-6	N	0.0337	—	0.5	—	µg/L	—	0.0337	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1254	11097-69-1	N	0.0337	—	0.5	—	µg/L	—	0.0337	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1260	11096-82-5	N	0.0337	—	0.5	—	µg/L	—	0.0337	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.8	—	10	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	3.0	—	3	—	µg/L	—	3.0	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Azobenzene	103-33-3	N	3.0	—	1.2	—	µg/L	—	3.0	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	13.3	—	2000	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	3.9	—	0.00109	—	µg/L	—	3.9	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.3	—	0.12	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.3	—	0.2	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.3	—	0.343	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.3	—	3.43	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.0	—	75000	—	µg/L	—	6.0	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	3.0	—	2000	—	µg/L	—	3.0	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	3.0	—	59	—	µg/L	—	3.0	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	3.0	—	0.137	—	µg/L	—	3.0	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.3	—	6	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	750	18.7*[f]	µg/L	—	15.0	Y	U	U	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	1.34	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.3	—	160	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.9	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.51	1.63	—	2.93*[f]	pCi/L	3.55	—	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.91	—	250	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	3.0	—	1400	—	µg/L	—	3.0	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.3	—	3.7	—	µg/L	—	3.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	1.68	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.41	—	733	—	µg/L	—	0.41	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	3.0	—	91	—	µg/L	—	3.0	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	5.68	—	50	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.3	—	34.3	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.65	1.24	—	2.65*[f]	pCi/L	4.66	—	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.3	—	0.0343	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	3.0	—	7.9	—	µg/L	—	3.0	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	3.0	—	600	—	µg/L	—	3.0	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	3.0	—	75	—	µg/L	—	3.0	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	3.0	—	1.25	—	µg/L	—	3.0	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	3.0	—	45.3	—	µg/L	—	3.0	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.3	—	14800	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.3	—	612	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	3.0	—	354	—	µg/L	—	3.0	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.3	—	885	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.0	—	1.52	—	µg/L	—	3.0	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	5.0	—	38.7	—	µg/L	—	5.0	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	3.0	—	2.37	—	µg/L	—	3.0	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	3.0	—	0.485	—	µg/L	—	3.0	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	3.0	—	7	—	µg/L	—	3.0	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.0	—	4.59	—	µg/L	—	3.0	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	—	4.59	—	µg/L	—	0.1	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	3.0	—	122	—	µg/L	—	3.0	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.3	—	802	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.3	—	288	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.267	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.9	0.882	15	2.012*[f]	pCi/L	2.57	—	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.731	0.749	—	3.81*[f]	pCi/L	2.55	—	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	42.9	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	3.0	—	1	—	µg/L	—	3.0	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	3.0	—	1.39	—	µg/L	—	3.0	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	3.0	—	50	—	µg/L	—	3.0	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	3.0	—	3.28	—	µg/L	—	3.0	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.3	—	0.343	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.5	—	781	—	µg/L	—	3.5	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.82	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.3	—	11.4	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.3	—	35.1	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	3.0	—	930	—	µg/L	—	3.0	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.7	—	1900	—	µg/L	—	3.7	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.19	—	1000	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.15	2.12	—	4.72*[f]	pCi/L	7.45	—	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	4.24	—	200	2.75*[f]	µg/L	—	0.6	Y	—	NQ	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.349	—	10	0.748*[f]	mg/L	—	0.085	Y	—	NQ	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	3.0	—	190	—	µg/L	—	3.0	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	3.0	—	38	—	µg/L	—	3.0	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	3.0	—	1.4	—	µg/L	—	3.0	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	—	0.00167	—	µg/L	—	0.00018	Y	U	U	N3B-2020-298	CAMO-20-189351	SwRI
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.0	—	0.00167	—	µg/L	—	3.0	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00036	—	0.00491	—	µg/L	—	0.00036	Y	U	U	N3B-2020-298	CAMO-20-189351	SwRI
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.0	—	0.00491	—	µg/L	—	3.0	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.00047	—	0.0273	—	µg/L	—	0.00047	Y	U	U	N3B-2020-298	CAMO-20-189351	SwRI
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.0	—	0.0273	—	µg/L	—	3.0	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	—	0.11	—	µg/L	—	0.00018	Y	U	U	N3B-2020-298	CAMO-20-189351	SwRI
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.0	—	0.11	—	µg/L	—	3.0	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	—	0.37	—	µg/L	—	0.00033	Y	U	U	N3B-2020-298	CAMO-20-189351	SwRI
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	3.0	—	0.37	—	µg/L	—	3.0	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.0	—	9.81	—	µg/L	—	3.0	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	3.0	—	3.07	—	µg/L	—	3.0	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	3.0	—	1	—	µg/L	—	3.0	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.336	—	13.8	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.582	—	70	—	ng/L	—	0.582	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.706	—	70	—	ng/L	—	0.706	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.706	—	70	—	ng/L	—	0.706	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.3	—	170	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	3.0	—	5	—	µg/L	—	3.0	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00679	0.00751	—	0.00994*[f]	pCi/L	0.0411	—	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00226	0.00816	—	0.0171*[f]	pCi/L	0.0399	—	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.63	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-27.4	18.2	—	35.6*[f]	pCi/L	60.5	—	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	RE	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.0	—	250	2.06*[f]	µg/L	—	3.0	Y	UH	UJ	N3B-2020-295	CAMO-20-189351	GELC

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Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.3	—	117	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	3.0	—	20	—	µg/L	—	3.0	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.485	0.119	5	—	pCi/L	0.233	—	Y	—	NQ	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.882	0.211	5	—	pCi/L	—	—	Y	—	NQ	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.396	0.174	5	—	pCi/L	0.548	—	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.3	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.8	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.45	1.15	—	1.93*[f]	pCi/L	5.21	—	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	121.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	48.6	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.00535	0.0926	8	0.355*[f]	pCi/L	0.314	—	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.19	—	600	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	11/08/2019	WG	UF	RE	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.0	—	20	2.06*[f]	µg/L	—	3.0	Y	UH	UJ	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.0	—	1.66	—	µg/L	—	3.0	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.0	—	240	—	µg/L	—	3.0	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	12000	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	149.0	—	1000	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0978	—	—	0.165*[f]	mg/L	—	0.033	Y	J	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Total PFAS	PFAS-Tot-3a	N	0.0	—	70	—	ng/L	—	1.76	—	U	—	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.042	—	—	0.0822*[f]	mg/L	—	0.02	Y	J	J	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	3.0	—	70	—	µg/L	—	3.0	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	3.0	—	1170	—	µg/L	—	3.0	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	3.0	—	11.9	—	µg/L	—	3.0	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.649	0.89	20000	2.06*[f]	pCi/L	2.958	—	Y	U	U	N3B-2020-333	CAMO-20-189351	ARSL
R-1	1031.1	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.93	—	30	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.732	0.0668	27.2	0.653*[f]	pCi/L	0.119	—	Y	—	NQ	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0215	0.0152	28.8	0.0423*[f]	pCi/L	0.0853	—	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.308	0.0447	30	0.322*[f]	pCi/L	0.139	—	Y	—	NQ	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.6	—	63.1	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	5.56	—	10000	14.4*[f]	µg/L	—	3.3	Y	J	U	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.03	—	—	—	SU	—	0.01	Y	H	J-	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	UH	U	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	69.5	—	—	69.92*[f]	mg/L	—	1.45	Y	H	NQ	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0527	—	—	0.1*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2019-2011	CAMO-19-175136	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-1	1031.1	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.78	—	10	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	11.8	—	2000	37.4*[f]	µg/L	—	1.0	Y	*	NQ	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	750	18.7*[f]	µg/L	—	15.0	Y	U	U	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.4	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.82	—	250	2.61*[f]	mg/L	—	0.067	Y	—	J-	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.68	—	50	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	05/13/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-1916	CAMO-19-175137	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.256	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	J-	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	42.2	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.96	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	05/13/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-2011	CAMO-19-175137	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.918	—	1000	2.37*[f]	µg/L	—	0.2	Y	J	J	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.97	—	200	2.75*[f]	µg/L	—	0.6	Y	—	NQ	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.347	—	10	0.748*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.35	—	13.8	0.412*[f]	µg/L	—	0.05	Y	H	NQ	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.66	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	72.7	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.7	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	146.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	49.2	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.07	—	600	4.51*[f]	mg/L	—	0.133	Y	—	J-	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	05/13/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1916	CAMO-19-175137	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	9.2	—	12000	13*[f]	µg/L	—	2.5	Y	J	U	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	200.0	—	1000	159*[f]	mg/L	—	3.4	Y	H	NQ	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	05/13/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0913	—	—	0.165*[f]	mg/L	—	0.033	Y	J	J	N3B-2019-2011	CAMO-19-175137	GELC
R-1	1031.1	05/13/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	UH	R	N3B-2019-2011	CAMO-19-175137	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.041	—	—	0.0822*[f]	mg/L	—	0.02	Y	J	J	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.793	—	30	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.45	—	63.1	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	10000	14.4*[f]	µg/L	—	3.3	Y	U	U	N3B-2019-2011	CAMO-19-175136	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.321	—	535	—	µg/L	—	0.321	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.321	—	—	—	µg/L	—	0.321	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	14100	—	µg/L	—	1.5	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.17	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	75.7	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00179	0.00694	—	0.0167*[f]	pCi/L	0.0361	—	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0401	—	—	0.1*[f]	mg/L	—	0.017	Y	J	U	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.49	—	130	—	µg/L	—	4.49	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.321	—	1720	—	µg/L	—	0.321	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	3.08	—	10	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	3.21	—	3	—	µg/L	—	3.21	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Azobenzene	103-33-3	N	3.21	—	1.2	—	µg/L	—	3.21	Y	U	U	N3B-2020-372	CASA-20-189208	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-11	855.0	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	39.8	—	2000	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	4.17	—	0.00109	—	µg/L	—	4.17	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.321	—	0.12	—	µg/L	—	0.321	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.321	—	0.2	—	µg/L	—	0.321	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.321	—	0.343	—	µg/L	—	0.321	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.321	—	—	—	µg/L	—	0.321	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.321	—	3.43	—	µg/L	—	0.321	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.41	—	75000	—	µg/L	—	6.41	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	3.21	—	2000	—	µg/L	—	3.21	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	3.21	—	59	—	µg/L	—	3.21	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	3.21	—	0.137	—	µg/L	—	3.21	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.321	—	6	—	µg/L	—	0.321	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	27.7	—	750	18.7*[f]	µg/L	—	15.0	Y	J	J	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	1.34	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	3.21	—	—	—	µg/L	—	3.21	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.321	—	160	—	µg/L	—	0.321	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	22.8	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.27	1.16	—	2.93*[f]	pCi/L	3.77	—	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.77	—	250	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	3.21	—	1400	—	µg/L	—	3.21	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.53	—	3.7	—	µg/L	—	3.53	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	1.68	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.438	—	733	—	µg/L	—	0.438	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	3.21	—	91	—	µg/L	—	3.21	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.21	—	—	—	µg/L	—	3.21	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	7.78	—	50	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.321	—	34.3	—	µg/L	—	0.321	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.623	1.11	—	2.65*[f]	pCi/L	4.02	—	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.321	—	0.0343	—	µg/L	—	0.321	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	3.21	—	7.9	—	µg/L	—	3.21	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	3.21	—	600	—	µg/L	—	3.21	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189208	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-11	855.0	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.21	—	—	—	µg/L	—	3.21	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	3.21	—	75	—	µg/L	—	3.21	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	3.21	—	1.25	—	µg/L	—	3.21	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	3.21	—	45.3	—	µg/L	—	3.21	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.321	—	14800	—	µg/L	—	0.321	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.321	—	612	—	µg/L	—	0.321	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	3.21	—	354	—	µg/L	—	3.21	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.321	—	885	—	µg/L	—	0.321	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.21	—	1.52	—	µg/L	—	3.21	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	5.35	—	38.7	—	µg/L	—	5.35	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	3.21	—	2.37	—	µg/L	—	3.21	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	3.21	—	0.485	—	µg/L	—	3.21	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.321	—	200	—	µg/L	—	0.321	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	3.21	—	7	—	µg/L	—	3.21	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.21	—	4.59	—	µg/L	—	3.21	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	—	4.59	—	µg/L	—	0.1	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	3.21	—	122	—	µg/L	—	3.21	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.321	—	802	—	µg/L	—	0.321	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.321	—	288	—	µg/L	—	0.321	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.457	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.532	0.758	15	2.012*[f]	pCi/L	2.97	—	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.71	0.553	—	3.81*[f]	pCi/L	1.77	—	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	82.1	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	3.21	—	1	—	µg/L	—	3.21	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	3.21	—	1.39	—	µg/L	—	3.21	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	3.21	—	50	—	µg/L	—	3.21	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	3.21	—	3.28	—	µg/L	—	3.21	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.321	—	0.343	—	µg/L	—	0.321	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.74	—	781	—	µg/L	—	3.74	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.12	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	Y	0.155	—	2	0.067*[f]	µg/L	—	0.067	Y	J	J	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	Y	0.128	—	2	0.067*[f]	µg/L	—	0.067	Y	J	J	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2020-372	CASA-20-189208	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-11	855.0	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.321	—	11.4	—	µg/L	—	0.321	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.321	—	35.1	—	µg/L	—	0.321	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	3.21	—	930	—	µg/L	—	3.21	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.96	—	1900	—	µg/L	—	3.96	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.46	—	1000	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.321	—	1.65	—	µg/L	—	0.321	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.15	2.26	—	4.72*[f]	pCi/L	7.62	—	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	N	0.6	—	200	2.75*[f]	µg/L	—	0.6	Y	U	U	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.37	—	10	0.748*[f]	mg/L	—	0.17	Y	—	NQ	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	3.21	—	190	—	µg/L	—	3.21	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	3.21	—	—	—	µg/L	—	3.21	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	3.21	—	38	—	µg/L	—	3.21	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	3.21	—	1.4	—	µg/L	—	3.21	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	3.21	—	—	—	µg/L	—	3.21	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	3.21	—	—	—	µg/L	—	3.21	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	—	0.00167	—	µg/L	—	0.00018	Y	U	U	N3B-2020-377	CASA-20-189208	SwRI
R-11	855.0	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.21	—	0.00167	—	µg/L	—	3.21	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00036	—	0.00491	—	µg/L	—	0.00036	Y	U	U	N3B-2020-377	CASA-20-189208	SwRI
R-11	855.0	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.21	—	0.00491	—	µg/L	—	3.21	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.00047	—	0.0273	—	µg/L	—	0.00047	Y	U	UJ	N3B-2020-377	CASA-20-189208	SwRI
R-11	855.0	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.21	—	0.0273	—	µg/L	—	3.21	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	—	0.11	—	µg/L	—	0.00018	Y	U	U	N3B-2020-377	CASA-20-189208	SwRI
R-11	855.0	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.21	—	0.11	—	µg/L	—	3.21	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	—	0.37	—	µg/L	—	0.00033	Y	U	U	N3B-2020-377	CASA-20-189208	SwRI
R-11	855.0	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	3.21	—	0.37	—	µg/L	—	3.21	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.21	—	9.81	—	µg/L	—	3.21	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	3.21	—	3.07	—	µg/L	—	3.21	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	3.21	—	1	—	µg/L	—	3.21	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.748	—	13.8	0.412*[f]	µg/L	—	0.05	Y	—	J	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.584	—	70	—	ng/L	—	0.584	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.708	—	70	—	ng/L	—	0.708	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.708	—	70	—	ng/L	—	0.708	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.321	—	170	—	µg/L	—	0.321	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	3.21	—	5	—	µg/L	—	3.21	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00916	0.02	—	0.00994*[f]	pCi/L	0.0594	—	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0153	0.0164	—	0.0171*[f]	pCi/L	0.0476	—	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.69	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-9.35	14.2	—	35.6*[f]	pCi/L	48.8	—	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.21	—	250	2.06*[f]	µg/L	—	3.21	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.321	—	117	—	µg/L	—	0.321	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	3.21	—	20	—	µg/L	—	3.21	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.0718	0.0794	5	—	pCi/L	0.295	—	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.3	0.173	5	—	pCi/L	—	—	Y	—	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.228	0.153	5	—	pCi/L	0.513	—	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.1	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.3	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.842	1.16	—	1.93*[f]	pCi/L	4.62	—	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	201.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	90.8	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.346	0.15	8	0.355*[f]	pCi/L	0.489	—	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	10.0	—	600	4.51*[f]	mg/L	—	0.133	Y	—	J+	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.21	—	20	2.06*[f]	µg/L	—	3.21	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.21	—	1.66	—	µg/L	—	3.21	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189208	GELC

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R-11	855.0	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.21	—	240	—	µg/L	—	3.21	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	12000	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	220.0	—	1000	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.165*[f]	mg/L	—	0.033	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Total PFAS	PFAS-Tot-3a	N	0.0	—	70	—	ng/L	—	1.77	—	U	—	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.021	—	—	0.0822*[f]	mg/L	—	0.02	Y	J	J	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	3.21	—	70	—	µg/L	—	3.21	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	3.21	—	1170	—	µg/L	—	3.21	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	3.21	—	11.9	—	µg/L	—	3.21	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	2.52	0.939	20000	2.06*[f]	pCi/L	2.756	—	Y	U	U	N3B-2020-398	CASA-20-189208	ARSL
R-11	855.0	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.781	—	30	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.638	0.0517	27.2	0.653*[f]	pCi/L	0.0789	—	Y	—	NQ	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0125	0.0107	28.8	0.0423*[f]	pCi/L	0.0569	—	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.264	0.0335	30	0.322*[f]	pCi/L	0.0922	—	Y	—	NQ	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.09	—	63.1	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	7.41	—	10000	14.4*[f]	µg/L	—	3.3	Y	J	J	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.17	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.18	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	75.3	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	75.9	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Aluminum	Al	N	19.3	—	—	68*[f]	µg/L	—	19.3	Y	U	U	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Aluminum	Al	N	19.3	—	—	68*[f]	µg/L	—	19.3	Y	U	U	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0424	—	—	0.1*[f]	mg/L	—	0.017	Y	J	U	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0325	—	—	0.1*[f]	mg/L	—	0.017	Y	J	J	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Antimony	Sb	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	N	3.71	—	—	2.7*[f]	µg/L	—	2.0	Y	J	U	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Arsenic	As	Y	3.78	—	—	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	39.2	—	—	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	39.7	—	—	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Beryllium	Be	N	0.2	—	—	1*[f]	µg/L	—	0.2	Y	U	U	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Beryllium	Be	N	0.2	—	—	1*[f]	µg/L	—	0.2	Y	U	U	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	26.7	—	—	18.7*[f]	µg/L	—	15.0	Y	J	J	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	Y	26.4	—	—	18.7*[f]	µg/L	—	15.0	Y	J	J	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	—	—	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	—	—	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	22.8	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	23.1	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.74	—	—	2.61*[f]	mg/L	—	0.067	Y	—	J+	N3B-2019-3294	CASA-19-186479	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-11	855.0	09/16/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.73	—	—	2.61*[f]	mg/L	—	0.067	Y	—	J+	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	6.67	—	—	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Chromium	Cr	Y	6.72	—	—	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cobalt	Co	N	0.3	—	—	1*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Cobalt	Co	N	0.3	—	—	1*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Copper	Cu	Y	0.806	—	—	3*[f]	µg/L	—	0.3	Y	J	J	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Copper	Cu	Y	0.848	—	—	3*[f]	µg/L	—	0.3	Y	J	J	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	09/16/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-3294	CASA-19-186478	GELC
R-11	855.0	09/16/2019	WG	UF	INIT	FD	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-3294	CASA-19-186486	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.46	—	—	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.466	—	—	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	82.6	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	83.6	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	—	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	—	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	—	—	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	—	—	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.25	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.3	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	—	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	—	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	09/16/2019	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-3294	CASA-19-186478	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	UF	INIT	FD	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-3294	CASA-19-186486	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	N	1.92	—	—	2.37*[f]	µg/L	—	0.2	Y	—	U	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.62	—	—	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	N	0.6	—	—	2.75*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Nickel	Ni	N	0.6	—	—	2.75*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.67	—	—	0.748*[f]	mg/L	—	0.17	Y	—	NQ	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.63	—	—	0.748*[f]	mg/L	—	0.17	Y	—	NQ	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.778	—	—	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.758	—	—	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.52	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	1.45	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	2.0	—	—	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Selenium	Se	N	2.0	—	—	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.5	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.6	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	—	—	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	—	—	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.3	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.5	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	199.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	200.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	92.1	—	—	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	93.4	—	—	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	10.5	—	—	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	10.6	—	—	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	09/16/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-3294	CASA-19-186478	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-3294	CASA-19-186486	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	—	—	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	—	—	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	219.0	—	—	159*[f]	mg/L	—	3.4	Y	—	J+	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	230.0	—	—	159*[f]	mg/L	—	3.4	Y	—	J+	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	09/16/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0888	—	—	0.165*[f]	mg/L	—	0.033	Y	J	U	N3B-2019-3294	CASA-19-186478	GELC
R-11	855.0	09/16/2019	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.106	—	—	0.165*[f]	mg/L	—	0.033	Y	—	U	N3B-2019-3294	CASA-19-186486	GELC
R-11	855.0	09/16/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2019-3294	CASA-19-186478	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-11	855.0	09/16/2019	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2019-3294	CASA-19-186486	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0859	—	—	0.0822*[f]	mg/L	—	0.02	Y	—	U	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0788	—	—	0.0822*[f]	mg/L	—	0.02	Y	—	U	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.7	—	—	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Uranium	U	Y	0.707	—	—	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Vanadium	V	N	17.0	—	—	10.7*[f]	µg/L	—	3.3	Y	J	U	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Vanadium	V	N	18.3	—	—	10.7*[f]	µg/L	—	3.3	Y	J	U	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Zinc	Zn	N	8.66	—	—	14.4*[f]	µg/L	—	3.3	Y	J	U	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Zinc	Zn	Y	8.33	—	—	14.4*[f]	µg/L	—	3.3	Y	J	J	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	08/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.35	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-3009	CASA-19-184709	GELC
R-11	855.0	08/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	1.59	—	—	—	mg/L	—	1.45	Y	J	J	N3B-2019-3009	CASA-19-184709	GELC
R-11	855.0	08/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	77.3	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-3009	CASA-19-184709	GELC
R-11	855.0	08/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	—	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-3009	CASA-19-184709	GELC
R-11	855.0	08/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0453	—	—	0.1*[f]	mg/L	—	0.017	Y	J	U	N3B-2019-3009	CASA-19-184709	GELC
R-11	855.0	08/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-3009	CASA-19-184709	GELC
R-11	855.0	08/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.97	—	—	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-3009	CASA-19-184709	GELC
R-11	855.0	08/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	38.4	—	—	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-3009	CASA-19-184709	GELC
R-11	855.0	08/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-3009	CASA-19-184709	GELC
R-11	855.0	08/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	26.5	—	—	18.7*[f]	µg/L	—	15.0	Y	J	J	N3B-2019-3009	CASA-19-184709	GELC
R-11	855.0	08/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-3009	CASA-19-184709	GELC
R-11	855.0	08/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	—	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-3009	CASA-19-184709	GELC
R-11	855.0	08/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	22.3	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-3009	CASA-19-184709	GELC
R-11	855.0	08/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.78	—	—	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-3009	CASA-19-184709	GELC
R-11	855.0	08/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	7.46	—	—	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-3009	CASA-19-184709	GELC
R-11	855.0	08/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-3009	CASA-19-184709	GELC
R-11	855.0	08/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	—	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-3009	CASA-19-184709	GELC
R-11	855.0	08/14/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-3009	CASA-19-184710	GELC
R-11	855.0	08/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.564	—	—	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-3009	CASA-19-184709	GELC
R-11	855.0	08/14/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	81.0	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-3009	CASA-19-184709	GELC
R-11	855.0	08/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	—	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-3009	CASA-19-184709	GELC
R-11	855.0	08/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	—	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-3009	CASA-19-184709	GELC
R-11	855.0	08/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.14	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-3009	CASA-19-184709	GELC
R-11	855.0	08/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	—	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-3009	CASA-19-184709	GELC
R-11	855.0	08/14/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-3009	CASA-19-184709	GELC
R-11	855.0	08/14/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	Y	0.083	—	—	0.067*[f]	µg/L	—	0.067	Y	J	J	N3B-2019-3009	CASA-19-184710	GELC
R-11	855.0	08/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.63	—	—	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-3009	CASA-19-184709	GELC
R-11	855.0	08/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.6	—	—	2.75*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-3009	CASA-19-184709	GELC
R-11	855.0	08/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.7	—	—	0.748*[f]	mg/L	—	0.085	Y	—	NQ	N3B-2019-3009	CASA-19-184709	GELC
R-11	855.0	08/14/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.754	—	—	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-3009	CASA-19-184709	GELC
R-11	855.0	08/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.5	—	—	2.357*[f]	mg/L	—	0.05	Y	—	J+	N3B-2019-3009	CASA-19-184709	GELC
R-11	855.0	08/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	—	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-3009	CASA-19-184709	GELC
R-11	855.0	08/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.2	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-3009	CASA-19-184709	GELC
R-11	855.0	08/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	—	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-3009	CASA-19-184709	GELC
R-11	855.0	08/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.0	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-3009	CASA-19-184709	GELC
R-11	855.0	08/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	197.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-3009	CASA-19-184709	GELC
R-11	855.0	08/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	88.0	—	—	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-3009	CASA-19-184709	GELC
R-11	855.0	08/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	10.6	—	—	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-3009	CASA-19-184709	GELC
R-11	855.0	08/14/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-3009	CASA-19-184709	GELC
R-11	855.0	08/14/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-3009	CASA-19-184710	GELC
R-11	855.0	08/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	—	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-3009	CASA-19-184709	GELC
R-11	855.0	08/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2019-3009	CASA-19-184709	GELC
R-11	855.0	08/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	187.0	—	—	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-3009	CASA-19-184709	GELC
R-11	855.0	08/14/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0388	—	—	0.165*[f]	mg/L	—	0.033	Y	J	J	N3B-2019-3009	CASA-19-184710	GELC
R-11	855.0	08/14/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2019-3009	CASA-19-184710	GELC
R-11	855.0	08/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0856	—	—	0.0822*[f]	mg/L	—	0.02	Y	—	NQ	N3B-2019-3009	CASA-19-184709	GELC
R-11	855.0	08/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.803	—	—	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-3009	CASA-19-184709	GELC
R-11	855.0	08/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.88	—	—	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-3009	CASA-19-184709	GELC
R-11	855.0	08/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	11.1	—	—	14.4*[f]	µg/L	—	3.3	Y	J	U	N3B-2019-3009	CASA-19-184709	GELC
R-11	855.0	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.26	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-2508	CASA-19-182098	GELC
R-11	855.0	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-2508	CASA-19-182098	GELC
R-11	855.0	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	76.5	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-2508	CASA-19-182098	GELC
R-11	855.0	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-2508	CASA-19-182098	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-11	855.0	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0623	—	—	0.1*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2019-2508	CASA-19-182098	GELC
R-11	855.0	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2508	CASA-19-182098	GELC
R-11	855.0	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.23	—	10	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-2508	CASA-19-182098	GELC
R-11	855.0	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	39.1	—	2000	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2508	CASA-19-182098	GELC
R-11	855.0	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2508	CASA-19-182098	GELC
R-11	855.0	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	28.4	—	750	18.7*[f]	µg/L	—	15.0	Y	J	J	N3B-2019-2508	CASA-19-182098	GELC
R-11	855.0	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	1.27	—	—	0.067*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-2508	CASA-19-182098	GELC
R-11	855.0	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-2508	CASA-19-182098	GELC
R-11	855.0	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	22.7	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-2508	CASA-19-182098	GELC
R-11	855.0	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	8.65	—	250	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-2508	CASA-19-182098	GELC
R-11	855.0	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	7.08	—	50	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-2508	CASA-19-182098	GELC
R-11	855.0	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2508	CASA-19-182098	GELC
R-11	855.0	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-2508	CASA-19-182098	GELC
R-11	855.0	07/11/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-2508	CASA-19-182099	GELC
R-11	855.0	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	3.02	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-2508	CASA-19-182098	GELC
R-11	855.0	07/11/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	81.3	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-2508	CASA-19-182098	GELC
R-11	855.0	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-2508	CASA-19-182098	GELC
R-11	855.0	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-2508	CASA-19-182098	GELC
R-11	855.0	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.0	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-2508	CASA-19-182098	GELC
R-11	855.0	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2508	CASA-19-182098	GELC
R-11	855.0	07/11/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-2508	CASA-19-182098	GELC
R-11	855.0	07/11/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	Y	0.086	—	2	0.067*[f]	µg/L	—	0.067	Y	J	J	N3B-2019-2508	CASA-19-182099	GELC
R-11	855.0	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.65	—	1000	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-2508	CASA-19-182098	GELC
R-11	855.0	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.6	—	200	2.75*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-2508	CASA-19-182098	GELC
R-11	855.0	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.51	—	10	0.748*[f]	mg/L	—	0.17	Y	—	NQ	N3B-2019-2508	CASA-19-182098	GELC
R-11	855.0	07/11/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.75	—	13.8	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-2508	CASA-19-182098	GELC
R-11	855.0	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.46	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-2508	CASA-19-182098	GELC
R-11	855.0	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2508	CASA-19-182098	GELC
R-11	855.0	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.8	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-2508	CASA-19-182098	GELC
R-11	855.0	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-2508	CASA-19-182098	GELC
R-11	855.0	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.0	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-2508	CASA-19-182098	GELC
R-11	855.0	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	223.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-2508	CASA-19-182098	GELC
R-11	855.0	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	90.1	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2508	CASA-19-182098	GELC
R-11	855.0	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	20.2	—	600	4.51*[f]	mg/L	—	0.532	Y	—	NQ	N3B-2019-2508	CASA-19-182098	GELC
R-11	855.0	07/11/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2508	CASA-19-182098	GELC
R-11	855.0	07/11/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2508	CASA-19-182099	GELC
R-11	855.0	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-2508	CASA-19-182098	GELC
R-11	855.0	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	2.66	—	12000	13*[f]	µg/L	—	2.5	Y	J	J	N3B-2019-2508	CASA-19-182098	GELC
R-11	855.0	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	217.0	—	1000	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-2508	CASA-19-182098	GELC
R-11	855.0	07/11/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0604	—	—	0.165*[f]	mg/L	—	0.033	Y	J	U	N3B-2019-2508	CASA-19-182099	GELC
R-11	855.0	07/11/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.331	—	—	0.982*[f]	mg/L	—	0.33	Y	J	J	N3B-2019-2508	CASA-19-182099	GELC
R-11	855.0	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0725	—	—	0.0822*[f]	mg/L	—	0.02	Y	—	NQ	N3B-2019-2508	CASA-19-182098	GELC
R-11	855.0	07/11/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.353	1.039	20000	2.06*[f]	pCi/L	3.37	—	Y	U	U	N3B-2019-2583	CASA-19-182099	ARSL
R-11	855.0	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.72	—	30	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-2508	CASA-19-182098	GELC
R-11	855.0	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.14	—	63.1	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2508	CASA-19-182098	GELC
R-11	855.0	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	14.9	—	10000	14.4*[f]	µg/L	—	3.3	Y	J	J	N3B-2019-2508	CASA-19-182098	GELC
R-11	855.0	06/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.36	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-2198	CASA-19-181661	GELC
R-11	855.0	06/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	1.59	—	—	—	mg/L	—	1.45	Y	J	J	N3B-2019-2198	CASA-19-181661	GELC
R-11	855.0	06/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	75.5	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-2198	CASA-19-181661	GELC
R-11	855.0	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	—	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-2198	CASA-19-181661	GELC
R-11	855.0	06/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0389	—	—	0.1*[f]	mg/L	—	0.017	Y	J	U	N3B-2019-2198	CASA-19-181661	GELC
R-11	855.0	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2198	CASA-19-181661	GELC
R-11	855.0	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.68	—	—	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-2198	CASA-19-181661	GELC
R-11	855.0	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	41.4	—	—	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2198	CASA-19-181661	GELC
R-11	855.0	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2198	CASA-19-181661	GELC
R-11	855.0	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	33.3	—	—	18.7*[f]	µg/L	—	15.0	Y	J	J	N3B-2019-2198	CASA-19-181661	GELC
R-11	855.0	06/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-2198	CASA-19-181661	GELC
R-11	855.0	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	—	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-2198	CASA-19-181661	GELC
R-11	855.0	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	23.2	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-2198	CASA-19-181661	GELC
R-11	855.0	06/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.72	—	—	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-2198	CASA-19-181661	GELC
R-11	855.0	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	7.91	—	—	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-2198	CASA-19-181661	GELC
R-11	855.0	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2198	CASA-19-181661	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-11	855.0	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	—	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-2198	CASA-19-181661	GELC
R-11	855.0	06/14/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-2198	CASA-19-181662	GELC
R-11	855.0	06/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.443	—	—	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-2198	CASA-19-181661	GELC
R-11	855.0	06/14/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	84.0	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-2198	CASA-19-181661	GELC
R-11	855.0	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	—	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-2198	CASA-19-181661	GELC
R-11	855.0	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	—	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-2198	CASA-19-181661	GELC
R-11	855.0	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.3	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-2198	CASA-19-181661	GELC
R-11	855.0	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	3.91	—	—	12.1*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-2198	CASA-19-181661	GELC
R-11	855.0	06/14/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-2198	CASA-19-181661	GELC
R-11	855.0	06/14/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-2198	CASA-19-181662	GELC
R-11	855.0	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.65	—	—	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-2198	CASA-19-181661	GELC
R-11	855.0	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.6	—	—	2.75*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-2198	CASA-19-181661	GELC
R-11	855.0	06/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.71	—	—	0.748*[f]	mg/L	—	0.17	Y	—	NQ	N3B-2019-2198	CASA-19-181661	GELC
R-11	855.0	06/14/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.752	—	—	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-2198	CASA-19-181661	GELC
R-11	855.0	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.44	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-2198	CASA-19-181661	GELC
R-11	855.0	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	—	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2198	CASA-19-181661	GELC
R-11	855.0	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	78.4	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-2198	CASA-19-181661	GELC
R-11	855.0	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	—	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-2198	CASA-19-181661	GELC
R-11	855.0	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.3	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-2198	CASA-19-181661	GELC
R-11	855.0	06/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	227.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-2198	CASA-19-181661	GELC
R-11	855.0	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	87.3	—	—	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2198	CASA-19-181661	GELC
R-11	855.0	06/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	10.1	—	—	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-2198	CASA-19-181661	GELC
R-11	855.0	06/14/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2198	CASA-19-181661	GELC
R-11	855.0	06/14/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2198	CASA-19-181662	GELC
R-11	855.0	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	—	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-2198	CASA-19-181661	GELC
R-11	855.0	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2019-2198	CASA-19-181661	GELC
R-11	855.0	06/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	163.0	—	—	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-2198	CASA-19-181661	GELC
R-11	855.0	06/14/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.165*[f]	mg/L	—	0.033	Y	U	U	N3B-2019-2198	CASA-19-181662	GELC
R-11	855.0	06/14/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2019-2198	CASA-19-181662	GELC
R-11	855.0	06/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	—	0.0822*[f]	mg/L	—	0.02	Y	U	U	N3B-2019-2198	CASA-19-181661	GELC
R-11	855.0	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.784	—	—	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-2198	CASA-19-181661	GELC
R-11	855.0	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.34	—	—	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2198	CASA-19-181661	GELC
R-11	855.0	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	11.5	—	—	14.4*[f]	µg/L	—	3.3	Y	J	U	N3B-2019-2198	CASA-19-181661	GELC
R-11	855.0	05/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.32	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-1991	CASA-19-175182	GELC
R-11	855.0	05/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-1991	CASA-19-175182	GELC
R-11	855.0	05/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	79.5	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-1991	CASA-19-175182	GELC
R-11	855.0	05/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-1991	CASA-19-175182	GELC
R-11	855.0	05/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0693	—	—	0.1*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2019-1991	CASA-19-175182	GELC
R-11	855.0	05/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1991	CASA-19-175182	GELC
R-11	855.0	05/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.76	—	10	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-1991	CASA-19-175182	GELC
R-11	855.0	05/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	37.2	—	2000	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1991	CASA-19-175182	GELC
R-11	855.0	05/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1991	CASA-19-175182	GELC
R-11	855.0	05/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	27.6	—	750	18.7*[f]	µg/L	—	15.0	Y	J	J	N3B-2019-1991	CASA-19-175182	GELC
R-11	855.0	05/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-1991	CASA-19-175182	GELC
R-11	855.0	05/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-1991	CASA-19-175182	GELC
R-11	855.0	05/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	21.1	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-1991	CASA-19-175182	GELC
R-11	855.0	05/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.89	—	250	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-1991	CASA-19-175182	GELC
R-11	855.0	05/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	9.81	—	50	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-1991	CASA-19-175182	GELC
R-11	855.0	05/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1991	CASA-19-175182	GELC
R-11	855.0	05/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-1991	CASA-19-175182	GELC
R-11	855.0	05/17/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-1943	CASA-19-175183	GELC
R-11	855.0	05/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.436	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-1991	CASA-19-175182	GELC
R-11	855.0	05/17/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	78.0	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-1991	CASA-19-175182	GELC
R-11	855.0	05/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-1991	CASA-19-175182	GELC
R-11	855.0	05/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-1991	CASA-19-175182	GELC
R-11	855.0	05/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.15	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-1991	CASA-19-175182	GELC
R-11	855.0	05/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1991	CASA-19-175182	GELC
R-11	855.0	05/17/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-1991	CASA-19-175182	GELC
R-11	855.0	05/17/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-1991	CASA-19-175183	GELC
R-11	855.0	05/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.48	—	1000	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-1991	CASA-19-175182	GELC
R-11	855.0	05/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.982	—	200	2.75*[f]	µg/L	—	0.6	Y	J	U	N3B-2019-1991	CASA-19-175182	GELC
R-11	855.0	05/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.6	—	10	0.748*[f]	mg/L	—	0.17	Y	—	NQ	N3B-2019-1991	CASA-19-175182	GELC

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Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-11	855.0	05/17/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.768	—	13.8	0.412*f	µg/L	—	0.05	Y	—	NQ	N3B-2019-1991	CASA-19-175182	GELC
R-11	855.0	05/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.47	—	—	2.357*f	mg/L	—	0.05	Y	—	NQ	N3B-2019-1991	CASA-19-175182	GELC
R-11	855.0	05/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	50	1.5*f	µg/L	—	2.0	Y	U	U	N3B-2019-1991	CASA-19-175182	GELC
R-11	855.0	05/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.4	—	—	80.7*f	mg/L	—	0.053	Y	—	NQ	N3B-2019-1991	CASA-19-175182	GELC
R-11	855.0	05/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	50	0.2*f	µg/L	—	0.3	Y	U	U	N3B-2019-1991	CASA-19-175182	GELC
R-11	855.0	05/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.8	—	—	15.3*f	mg/L	—	0.1	Y	—	NQ	N3B-2019-1991	CASA-19-175182	GELC
R-11	855.0	05/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	224.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-1991	CASA-19-175182	GELC
R-11	855.0	05/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	87.1	—	11800	74.4*f	µg/L	—	1.0	Y	—	NQ	N3B-2019-1991	CASA-19-175182	GELC
R-11	855.0	05/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	10.1	—	600	4.51*f	mg/L	—	0.133	Y	—	NQ	N3B-2019-1991	CASA-19-175182	GELC
R-11	855.0	05/17/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1943	CASA-19-175183	GELC
R-11	855.0	05/17/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1991	CASA-19-175182	GELC
R-11	855.0	05/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	2	0.45*f	µg/L	—	0.6	Y	U	U	N3B-2019-1991	CASA-19-175182	GELC
R-11	855.0	05/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	19.5	—	12000	13*f	µg/L	—	2.5	Y	—	NQ	N3B-2019-1991	CASA-19-175182	GELC
R-11	855.0	05/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	299.0	—	1000	159*f	mg/L	—	3.4	Y	H	NQ	N3B-2019-1991	CASA-19-175182	GELC
R-11	855.0	05/17/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0977	—	—	0.165*f	mg/L	—	0.033	Y	J	J	N3B-2019-1991	CASA-19-175183	GELC
R-11	855.0	05/17/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.982*f	mg/L	—	0.33	Y	U	U	N3B-2019-1991	CASA-19-175183	GELC
R-11	855.0	05/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	—	0.0822*f	mg/L	—	0.02	Y	U	U	N3B-2019-1991	CASA-19-175182	GELC
R-11	855.0	05/17/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.618	0.91	20000	2.06*f	pCi/L	3.029	—	Y	U	U	N3B-2019-1983	CASA-19-175183	ARSL
R-11	855.0	05/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.687	—	30	1.06*f	µg/L	—	0.067	Y	—	NQ	N3B-2019-1991	CASA-19-175182	GELC
R-11	855.0	05/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.68	—	63.1	10.7*f	µg/L	—	1.0	Y	—	NQ	N3B-2019-1991	CASA-19-175182	GELC
R-11	855.0	05/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	12.0	—	10000	14.4*f	µg/L	—	3.3	Y	J	U	N3B-2019-1991	CASA-19-175182	GELC
R-11	855.0	04/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.07	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-1412	CASA-19-174796	GELC
R-11	855.0	04/17/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.19	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-1412	CASA-19-174800	GELC
R-11	855.0	04/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-1412	CASA-19-174796	GELC
R-11	855.0	04/17/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-1412	CASA-19-174800	GELC
R-11	855.0	04/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	75.1	—	—	69.92*f	mg/L	—	1.45	Y	—	NQ	N3B-2019-1412	CASA-19-174796	GELC
R-11	855.0	04/17/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	75.1	—	—	69.92*f	mg/L	—	1.45	Y	—	NQ	N3B-2019-1412	CASA-19-174800	GELC
R-11	855.0	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	—	68*f	µg/L	—	68.0	Y	U	U	N3B-2019-1412	CASA-19-174796	GELC
R-11	855.0	04/17/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	—	68*f	µg/L	—	68.0	Y	U	U	N3B-2019-1412	CASA-19-174800	GELC
R-11	855.0	04/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0324	—	—	0.1*f	mg/L	—	0.017	Y	J	U	N3B-2019-1412	CASA-19-174796	GELC
R-11	855.0	04/17/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0335	—	—	0.1*f	mg/L	—	0.017	Y	J	U	N3B-2019-1412	CASA-19-174800	GELC
R-11	855.0	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	—	1*f	µg/L	—	1.0	Y	U	U	N3B-2019-1412	CASA-19-174796	GELC
R-11	855.0	04/17/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	—	1*f	µg/L	—	1.0	Y	U	U	N3B-2019-1412	CASA-19-174800	GELC
R-11	855.0	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.23	—	—	2.7*f	µg/L	—	2.0	Y	J	J	N3B-2019-1412	CASA-19-174796	GELC
R-11	855.0	04/17/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	Y	2.16	—	—	2.7*f	µg/L	—	2.0	Y	J	J	N3B-2019-1412	CASA-19-174800	GELC
R-11	855.0	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	40.2	—	—	37.4*f	µg/L	—	1.0	Y	—	NQ	N3B-2019-1412	CASA-19-174796	GELC
R-11	855.0	04/17/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	40.5	—	—	37.4*f	µg/L	—	1.0	Y	—	NQ	N3B-2019-1412	CASA-19-174800	GELC
R-11	855.0	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	—	1*f	µg/L	—	1.0	Y	U	U	N3B-2019-1412	CASA-19-174796	GELC
R-11	855.0	04/17/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	—	1*f	µg/L	—	1.0	Y	U	U	N3B-2019-1412	CASA-19-174800	GELC
R-11	855.0	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	31.8	—	—	18.7*f	µg/L	—	15.0	Y	J	J	N3B-2019-1412	CASA-19-174796	GELC
R-11	855.0	04/17/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	Y	32.6	—	—	18.7*f	µg/L	—	15.0	Y	J	J	N3B-2019-1412	CASA-19-174800	GELC
R-11	855.0	04/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*f	mg/L	—	0.067	Y	U	U	N3B-2019-1412	CASA-19-174796	GELC
R-11	855.0	04/17/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*f	mg/L	—	0.067	Y	U	U	N3B-2019-1412	CASA-19-174800	GELC
R-11	855.0	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	—	0.11*f	µg/L	—	0.3	Y	U	U	N3B-2019-1412	CASA-19-174796	GELC
R-11	855.0	04/17/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	—	0.11*f	µg/L	—	0.3	Y	U	U	N3B-2019-1412	CASA-19-174800	GELC
R-11	855.0	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	23.4	—	—	14.5*f	mg/L	—	0.05	Y	—	NQ	N3B-2019-1412	CASA-19-174796	GELC
R-11	855.0	04/17/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	22.9	—	—	14.5*f	mg/L	—	0.05	Y	—	NQ	N3B-2019-1412	CASA-19-174800	GELC
R-11	855.0	04/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.9	—	—	2.61*f	mg/L	—	0.067	Y	—	NQ	N3B-2019-1412	CASA-19-174796	GELC
R-11	855.0	04/17/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.81	—	—	2.61*f	mg/L	—	0.067	Y	—	NQ	N3B-2019-1412	CASA-19-174800	GELC
R-11	855.0	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	9.62	—	—	6.6*f	µg/L	—	3.0	Y	J	J	N3B-2019-1412	CASA-19-174796	GELC
R-11	855.0	04/17/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	9.6	—	—	6.6*f	µg/L	—	3.0	Y	J	J	N3B-2019-1412	CASA-19-174800	GELC
R-11	855.0	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	—	1*f	µg/L	—	1.0	Y	U	U	N3B-2019-1412	CASA-19-174796	GELC
R-11	855.0	04/17/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	—	1*f	µg/L	—	1.0	Y	U	U	N3B-2019-1412	CASA-19-174800	GELC
R-11	855.0	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	—	3*f	µg/L	—	3.0	Y	U	U	N3B-2019-1412	CASA-19-174796	GELC
R-11	855.0	04/17/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Copper	Cu	N	3.61	—	—	3*f	µg/L	—	3.0	Y	J	U	N3B-2019-1412	CASA-19-174800	GELC
R-11	855.0	04/17/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.0017*f	mg/L	—	0.00167	Y	U	U	N3B-2019-1412	CASA-19-174795	GELC
R-11	855.0	04/17/2019	WG	UF	INIT	FD	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.0017*f	mg/L	—	0.00167	Y	U	U	N3B-2019-1412	CASA-19-174799	GELC
R-11	855.0	04/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.37	—	—	0.382*f	mg/L	—	0.033	Y	—	NQ	N3B-2019-1412	CASA-19-174796	GELC
R-11	855.0	04/17/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.376	—	—	0.382*f	mg/L	—	0.033	Y	—	NQ	N3B-2019-1412	CASA-19-174800	GELC
R-11	855.0	04/17/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	84.9	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-1412	CASA-19-174796	GELC
R-11	855.0	04/17/2019	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	85.8	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-1412	CASA-19-174800	GELC
R-11	855.0	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	—	53.8*f	µg/L	—	30.0	Y	U	U	N3B-2019-1412	CASA-19-174796	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-11	855.0	04/17/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	—	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-1412	CASA-19-174800	GELC
R-11	855.0	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	—	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-1412	CASA-19-174796	GELC
R-11	855.0	04/17/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	—	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-1412	CASA-19-174800	GELC
R-11	855.0	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.43	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-1412	CASA-19-174796	GELC
R-11	855.0	04/17/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.91	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-1412	CASA-19-174800	GELC
R-11	855.0	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	—	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1412	CASA-19-174796	GELC
R-11	855.0	04/17/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	—	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1412	CASA-19-174800	GELC
R-11	855.0	04/17/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-1412	CASA-19-174795	GELC
R-11	855.0	04/17/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-1412	CASA-19-174796	GELC
R-11	855.0	04/17/2019	WG	UF	INIT	FD	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-1412	CASA-19-174799	GELC
R-11	855.0	04/17/2019	WG	F	INIT	FD	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-1412	CASA-19-174800	GELC
R-11	855.0	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.47	—	—	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-1412	CASA-19-174796	GELC
R-11	855.0	04/17/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.46	—	—	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-1412	CASA-19-174800	GELC
R-11	855.0	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.6	—	—	2.75*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-1412	CASA-19-174796	GELC
R-11	855.0	04/17/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	N	0.6	—	—	2.75*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-1412	CASA-19-174800	GELC
R-11	855.0	04/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	6.41	—	—	0.748*[f]	mg/L	—	0.17	Y	—	NQ	N3B-2019-1412	CASA-19-174796	GELC
R-11	855.0	04/17/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	6.06	—	—	0.748*[f]	mg/L	—	0.17	Y	—	NQ	N3B-2019-1412	CASA-19-174800	GELC
R-11	855.0	04/17/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.776	—	—	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-1412	CASA-19-174796	GELC
R-11	855.0	04/17/2019	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.738	—	—	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-1412	CASA-19-174800	GELC
R-11	855.0	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.47	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-1412	CASA-19-174796	GELC
R-11	855.0	04/17/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	1.43	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-1412	CASA-19-174800	GELC
R-11	855.0	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	—	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1412	CASA-19-174796	GELC
R-11	855.0	04/17/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	—	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1412	CASA-19-174800	GELC
R-11	855.0	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.6	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-1412	CASA-19-174796	GELC
R-11	855.0	04/17/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.1	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-1412	CASA-19-174800	GELC
R-11	855.0	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	—	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-1412	CASA-19-174796	GELC
R-11	855.0	04/17/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	—	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-1412	CASA-19-174800	GELC
R-11	855.0	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.8	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-1412	CASA-19-174796	GELC
R-11	855.0	04/17/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.5	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-1412	CASA-19-174800	GELC
R-11	855.0	04/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	224.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-1412	CASA-19-174796	GELC
R-11	855.0	04/17/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	223.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-1412	CASA-19-174800	GELC
R-11	855.0	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	92.7	—	—	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1412	CASA-19-174796	GELC
R-11	855.0	04/17/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	90.7	—	—	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1412	CASA-19-174800	GELC
R-11	855.0	04/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	10.3	—	—	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-1412	CASA-19-174796	GELC
R-11	855.0	04/17/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	10.3	—	—	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-1412	CASA-19-174800	GELC
R-11	855.0	04/17/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1412	CASA-19-174795	GELC
R-11	855.0	04/17/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1412	CASA-19-174796	GELC
R-11	855.0	04/17/2019	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1412	CASA-19-174799	GELC
R-11	855.0	04/17/2019	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1412	CASA-19-174800	GELC
R-11	855.0	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	—	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-1412	CASA-19-174796	GELC
R-11	855.0	04/17/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	—	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-1412	CASA-19-174800	GELC
R-11	855.0	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	4.27	—	—	13*[f]	µg/L	—	2.5	Y	J	U	N3B-2019-1412	CASA-19-174796	GELC
R-11	855.0	04/17/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Tin	Sn	N	6.32	—	—	13*[f]	µg/L	—	2.5	Y	J	U	N3B-2019-1412	CASA-19-174800	GELC
R-11	855.0	04/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	219.0	—	—	159*[f]	mg/L	—	3.4	Y	—	J+	N3B-2019-1412	CASA-19-174796	GELC
R-11	855.0	04/17/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	217.0	—	—	159*[f]	mg/L	—	3.4	Y	—	J+	N3B-2019-1412	CASA-19-174800	GELC
R-11	855.0	04/17/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.165*[f]	mg/L	—	0.033	Y	U	U	N3B-2019-1412	CASA-19-174795	GELC
R-11	855.0	04/17/2019	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0583	—	—	0.165*[f]	mg/L	—	0.033	Y	J	J	N3B-2019-1412	CASA-19-174799	GELC
R-11	855.0	04/17/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2019-1412	CASA-19-174795	GELC
R-11	855.0	04/17/2019	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2019-1412	CASA-19-174799	GELC
R-11	855.0	04/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0528	—	—	0.0822*[f]	mg/L	—	0.02	Y	—	NQ	N3B-2019-1412	CASA-19-174796	GELC
R-11	855.0	04/17/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0533	—	—	0.0822*[f]	mg/L	—	0.02	Y	—	NQ	N3B-2019-1412	CASA-19-174800	GELC
R-11	855.0	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.714	—	—	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-1412	CASA-19-174796	GELC
R-11	855.0	04/17/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.73	—	—	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-1412	CASA-19-174800	GELC
R-11	855.0	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.11	—	—	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1412	CASA-19-174796	GELC
R-11	855.0	04/17/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.6	—	—	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1412	CASA-19-174800	GELC
R-11	855.0	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	5.93	—	—	14.4*[f]	µg/L	—	3.3	Y	J	U	N3B-2019-1412	CASA-19-174796	GELC
R-11	855.0	04/17/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Zinc	Zn	N	6.87	—	—	14.4*[f]	µg/L	—	3.3	Y	J	U	N3B-2019-1412	CASA-19-174800	GELC
R-11	855.0	03/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.42	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-1230	CASA-19-167685	GELC
R-11	855.0	03/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	2.0	—	—	—	mg/L	—	1.45	Y	J	J	N3B-2019-1230	CASA-19-167685	GELC
R-11	855.0	03/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	76.6	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-1230	CASA-19-167685	GELC
R-11	855.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	—	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-1230	CASA-19-167685	GELC
R-11	855.0	03/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.1*[f]	mg/L	—	0.017	Y	U	U	N3B-2019-1230	CASA-19-167685	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-11	855.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1230	CASA-19-167685	GELC
R-11	855.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	2.0	—	—	2.7*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1230	CASA-19-167685	GELC
R-11	855.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	37.5	—	—	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1230	CASA-19-167685	GELC
R-11	855.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1230	CASA-19-167685	GELC
R-11	855.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	26.9	—	—	18.7*[f]	µg/L	—	15.0	Y	J	J	N3B-2019-1230	CASA-19-167685	GELC
R-11	855.0	03/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-1230	CASA-19-167685	GELC
R-11	855.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	—	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-1230	CASA-19-167685	GELC
R-11	855.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	21.7	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-1230	CASA-19-167685	GELC
R-11	855.0	03/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.7	—	—	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-1230	CASA-19-167685	GELC
R-11	855.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	9.04	—	—	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-1230	CASA-19-167685	GELC
R-11	855.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1230	CASA-19-167685	GELC
R-11	855.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	—	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-1230	CASA-19-167685	GELC
R-11	855.0	03/21/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-1230	CASA-19-167686	GELC
R-11	855.0	03/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.328	—	—	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-1230	CASA-19-167685	GELC
R-11	855.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	78.7	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-1230	CASA-19-167685	GELC
R-11	855.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	—	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-1230	CASA-19-167685	GELC
R-11	855.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	—	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-1230	CASA-19-167685	GELC
R-11	855.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.93	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-1230	CASA-19-167685	GELC
R-11	855.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	—	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1230	CASA-19-167685	GELC
R-11	855.0	03/21/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-1230	CASA-19-167685	GELC
R-11	855.0	03/21/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-1230	CASA-19-167686	GELC
R-11	855.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.52	—	—	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-1230	CASA-19-167685	GELC
R-11	855.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.6	—	—	2.75*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-1230	CASA-19-167685	GELC
R-11	855.0	03/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	6.26	—	—	0.748*[f]	mg/L	—	0.17	Y	—	NQ	N3B-2019-1230	CASA-19-167685	GELC
R-11	855.0	03/21/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.744	—	—	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-1230	CASA-19-167685	GELC
R-11	855.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.28	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-1230	CASA-19-167685	GELC
R-11	855.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	—	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1230	CASA-19-167685	GELC
R-11	855.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.1	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-1230	CASA-19-167685	GELC
R-11	855.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	—	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-1230	CASA-19-167685	GELC
R-11	855.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.7	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-1230	CASA-19-167685	GELC
R-11	855.0	03/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	224.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-1230	CASA-19-167685	GELC
R-11	855.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	87.2	—	—	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1230	CASA-19-167685	GELC
R-11	855.0	03/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	10.2	—	—	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-1230	CASA-19-167685	GELC
R-11	855.0	03/21/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1230	CASA-19-167685	GELC
R-11	855.0	03/21/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1230	CASA-19-167686	GELC
R-11	855.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	—	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-1230	CASA-19-167685	GELC
R-11	855.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2019-1230	CASA-19-167685	GELC
R-11	855.0	03/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	179.0	—	—	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-1230	CASA-19-167685	GELC
R-11	855.0	03/21/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0828	—	—	0.165*[f]	mg/L	—	0.033	Y	J	J	N3B-2019-1230	CASA-19-167686	GELC
R-11	855.0	03/21/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2019-1230	CASA-19-167686	GELC
R-11	855.0	03/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0775	—	—	0.0822*[f]	mg/L	—	0.02	Y	—	NQ	N3B-2019-1230	CASA-19-167685	GELC
R-11	855.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.757	—	—	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-1230	CASA-19-167685	GELC
R-11	855.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.74	—	—	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1230	CASA-19-167685	GELC
R-11	855.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	5.04	—	—	14.4*[f]	µg/L	—	3.3	Y	J	J	N3B-2019-1230	CASA-19-167685	GELC
R-11	855.0	02/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.24	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-930	CASA-19-166431	GELC
R-11	855.0	02/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-930	CASA-19-166431	GELC
R-11	855.0	02/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	76.4	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-930	CASA-19-166431	GELC
R-11	855.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	—	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-930	CASA-19-166431	GELC
R-11	855.0	02/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0239	—	—	0.1*[f]	mg/L	—	0.017	Y	J	U	N3B-2019-930	CASA-19-166431	GELC
R-11	855.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-930	CASA-19-166431	GELC
R-11	855.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.26	—	—	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-930	CASA-19-166431	GELC
R-11	855.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	39.4	—	—	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-930	CASA-19-166431	GELC
R-11	855.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-930	CASA-19-166431	GELC
R-11	855.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	28.0	—	—	18.7*[f]	µg/L	—	15.0	Y	J	J	N3B-2019-930	CASA-19-166431	GELC
R-11	855.0	02/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.081	—	—	0.067*[f]	mg/L	—	0.067	Y	J	J	N3B-2019-930	CASA-19-166431	GELC
R-11	855.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	—	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-930	CASA-19-166431	GELC
R-11	855.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	23.1	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-930	CASA-19-166431	GELC
R-11	855.0	02/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.69	—	—	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-930	CASA-19-166431	GELC
R-11	855.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	9.03	—	—	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-930	CASA-19-166431	GELC
R-11	855.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-930	CASA-19-166431	GELC
R-11	855.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	—	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-930	CASA-19-166431	GELC
R-11	855.0	02/14/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-930	CASA-19-166432	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-11	855.0	02/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.389	—	—	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-930	CASA-19-166431	GELC
R-11	855.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	83.9	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-930	CASA-19-166431	GELC
R-11	855.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	—	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-930	CASA-19-166431	GELC
R-11	855.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	—	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-930	CASA-19-166431	GELC
R-11	855.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.33	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-930	CASA-19-166431	GELC
R-11	855.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	—	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-930	CASA-19-166431	GELC
R-11	855.0	02/14/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-930	CASA-19-166431	GELC
R-11	855.0	02/14/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-930	CASA-19-166432	GELC
R-11	855.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.55	—	—	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-930	CASA-19-166431	GELC
R-11	855.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.6	—	—	2.75*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-930	CASA-19-166431	GELC
R-11	855.0	02/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	4.11	—	—	0.748*[f]	mg/L	—	0.17	Y	—	NQ	N3B-2019-930	CASA-19-166431	GELC
R-11	855.0	02/14/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.728	—	—	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-930	CASA-19-166431	GELC
R-11	855.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.53	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-930	CASA-19-166431	GELC
R-11	855.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	—	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-930	CASA-19-166431	GELC
R-11	855.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.5	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-930	CASA-19-166431	GELC
R-11	855.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	—	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-930	CASA-19-166431	GELC
R-11	855.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.8	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-930	CASA-19-166431	GELC
R-11	855.0	02/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	228.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-930	CASA-19-166431	GELC
R-11	855.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	94.8	—	—	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-930	CASA-19-166431	GELC
R-11	855.0	02/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	9.97	—	—	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-930	CASA-19-166431	GELC
R-11	855.0	02/14/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-930	CASA-19-166431	GELC
R-11	855.0	02/14/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-930	CASA-19-166432	GELC
R-11	855.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	—	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-930	CASA-19-166431	GELC
R-11	855.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2019-930	CASA-19-166431	GELC
R-11	855.0	02/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	149.0	—	—	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-930	CASA-19-166431	GELC
R-11	855.0	02/14/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.175	—	—	0.165*[f]	mg/L	—	0.033	Y	—	U	N3B-2019-930	CASA-19-166432	GELC
R-11	855.0	02/14/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2019-930	CASA-19-166432	GELC
R-11	855.0	02/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0257	—	—	0.0822*[f]	mg/L	—	0.02	Y	J	J	N3B-2019-930	CASA-19-166431	GELC
R-11	855.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.808	—	—	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-930	CASA-19-166431	GELC
R-11	855.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.29	—	—	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-930	CASA-19-166431	GELC
R-11	855.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	9.49	—	—	14.4*[f]	µg/L	—	3.3	Y	J	J	N3B-2019-930	CASA-19-166431	GELC
R-11	855.0	01/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.22	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-772	CASA-19-166010	GELC
R-11	855.0	01/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-772	CASA-19-166010	GELC
R-11	855.0	01/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	76.0	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-772	CASA-19-166010	GELC
R-11	855.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-772	CASA-19-166010	GELC
R-11	855.0	01/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.1*[f]	mg/L	—	0.017	Y	U	U	N3B-2019-772	CASA-19-166010	GELC
R-11	855.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-772	CASA-19-166010	GELC
R-11	855.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.97	—	10	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-772	CASA-19-166010	GELC
R-11	855.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	38.5	—	2000	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-772	CASA-19-166010	GELC
R-11	855.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-772	CASA-19-166010	GELC
R-11	855.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	33.7	—	750	18.7*[f]	µg/L	—	15.0	Y	J	J	N3B-2019-772	CASA-19-166010	GELC
R-11	855.0	01/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0853	—	—	0.067*[f]	mg/L	—	0.067	Y	J	J	N3B-2019-772	CASA-19-166010	GELC
R-11	855.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-772	CASA-19-166010	GELC
R-11	855.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	22.7	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-772	CASA-19-166010	GELC
R-11	855.0	01/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.82	—	250	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-772	CASA-19-166010	GELC
R-11	855.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	9.77	—	50	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-772	CASA-19-166010	GELC
R-11	855.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-772	CASA-19-166010	GELC
R-11	855.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-772	CASA-19-166010	GELC
R-11	855.0	01/16/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-772	CASA-19-166011	GELC
R-11	855.0	01/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.365	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-772	CASA-19-166010	GELC
R-11	855.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	82.5	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-772	CASA-19-166010	GELC
R-11	855.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-772	CASA-19-166010	GELC
R-11	855.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-772	CASA-19-166010	GELC
R-11	855.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.28	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-772	CASA-19-166010	GELC
R-11	855.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-772	CASA-19-166010	GELC
R-11	855.0	01/16/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-772	CASA-19-166010	GELC
R-11	855.0	01/16/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-772	CASA-19-166011	GELC
R-11	855.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.65	—	1000	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-772	CASA-19-166010	GELC
R-11	855.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.6	—	200	2.75*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-772	CASA-19-166010	GELC
R-11	855.0	01/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.11	—	10	0.748*[f]	mg/L	—	0.17	Y	—	NQ	N3B-2019-772	CASA-19-166010	GELC
R-11	855.0	01/16/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.824	—	13.8	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-772	CASA-19-166010	GELC
R-11	855.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.42	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-772	CASA-19-166010	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-11	855.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-772	CASA-19-166010	GELC
R-11	855.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.9	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-772	CASA-19-166010	GELC
R-11	855.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-772	CASA-19-166010	GELC
R-11	855.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.1	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-772	CASA-19-166010	GELC
R-11	855.0	01/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	226.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-772	CASA-19-166010	GELC
R-11	855.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	88.1	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-772	CASA-19-166010	GELC
R-11	855.0	01/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	10.2	—	600	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-772	CASA-19-166010	GELC
R-11	855.0	01/16/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-772	CASA-19-166010	GELC
R-11	855.0	01/16/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-772	CASA-19-166011	GELC
R-11	855.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-772	CASA-19-166010	GELC
R-11	855.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	12000	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2019-772	CASA-19-166010	GELC
R-11	855.0	01/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	233.0	—	1000	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-772	CASA-19-166010	GELC
R-11	855.0	01/16/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.165*[f]	mg/L	—	0.033	Y	U	U	N3B-2019-772	CASA-19-166011	GELC
R-11	855.0	01/16/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2019-772	CASA-19-166011	GELC
R-11	855.0	01/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0311	—	—	0.0822*[f]	mg/L	—	0.02	Y	J	U	N3B-2019-772	CASA-19-166010	GELC
R-11	855.0	01/16/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	3.037	1.069	20000	2.06*[f]	pCi/L	3.094	—	Y	U	U	N3B-2019-773	CASA-19-166011	ARSL
R-11	855.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.788	—	30	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-772	CASA-19-166010	GELC
R-11	855.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.75	—	63.1	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-772	CASA-19-166010	GELC
R-11	855.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	6.89	—	10000	14.4*[f]	µg/L	—	3.3	Y	J	J	N3B-2019-772	CASA-19-166010	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.317	—	535	—	µg/L	—	0.317	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.317	—	—	—	µg/L	—	0.317	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	3.3	—	14100	—	µg/L	—	1.5	Y	J	J	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.57	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	1.99	—	—	—	mg/L	—	1.45	Y	J	J	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.0	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00822	0.0065	—	0.0167*[f]	pCi/L	0.0412	—	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0327	—	—	0.1*[f]	mg/L	—	0.017	Y	J	U	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.43	—	130	—	µg/L	—	4.43	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.317	—	1720	—	µg/L	—	0.317	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.1	—	10	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	3.17	—	3	—	µg/L	—	3.17	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Azobenzene	103-33-3	N	3.17	—	1.2	—	µg/L	—	3.17	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	26.2	—	2000	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	4.12	—	0.00109	—	µg/L	—	4.12	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.317	—	0.12	—	µg/L	—	0.317	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.317	—	0.2	—	µg/L	—	0.317	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.317	—	0.343	—	µg/L	—	0.317	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.317	—	—	—	µg/L	—	0.317	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.317	—	3.43	—	µg/L	—	0.317	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.33	—	75000	—	µg/L	—	6.33	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	3.17	—	2000	—	µg/L	—	3.17	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	3.17	—	59	—	µg/L	—	3.17	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	3.17	—	0.137	—	µg/L	—	3.17	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.317	—	6	—	µg/L	—	0.317	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	15.2	—	750	18.7*[f]	µg/L	—	15.0	Y	J	J	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	1.34	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	3.17	—	—	—	µg/L	—	3.17	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC

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R-13	958.3	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.317	—	160	—	µg/L	—	0.317	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	14.0	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.65	1.52	—	2.93*[f]	pCi/L	5.96	—	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.57	—	250	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	3.17	—	1400	—	µg/L	—	3.17	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.48	—	3.7	—	µg/L	—	3.48	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	1.68	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.433	—	733	—	µg/L	—	0.433	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	3.17	—	91	—	µg/L	—	3.17	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.17	—	—	—	µg/L	—	3.17	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	4.03	—	50	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.317	—	34.3	—	µg/L	—	0.317	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	Y	1.21	—	50	1*[f]	µg/L	—	1.0	Y	J	J	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-2.51	1.64	—	2.65*[f]	pCi/L	5.23	—	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.317	—	0.0343	—	µg/L	—	0.317	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	3.17	—	7.9	—	µg/L	—	3.17	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	3.17	—	600	—	µg/L	—	3.17	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.17	—	—	—	µg/L	—	3.17	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	3.17	—	75	—	µg/L	—	3.17	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	3.17	—	1.25	—	µg/L	—	3.17	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	3.17	—	45.3	—	µg/L	—	3.17	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.317	—	14800	—	µg/L	—	0.317	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.317	—	612	—	µg/L	—	0.317	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	3.17	—	354	—	µg/L	—	3.17	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.317	—	885	—	µg/L	—	0.317	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.17	—	1.52	—	µg/L	—	3.17	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	5.28	—	38.7	—	µg/L	—	5.28	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	3.17	—	2.37	—	µg/L	—	3.17	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-13	958.3	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	3.17	—	0.485	—	µg/L	—	3.17	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.317	—	200	—	µg/L	—	0.317	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	3.17	—	7	—	µg/L	—	3.17	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.17	—	4.59	—	µg/L	—	3.17	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	—	4.59	—	µg/L	—	0.1	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	3.17	—	122	—	µg/L	—	3.17	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.317	—	802	—	µg/L	—	0.317	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.317	—	288	—	µg/L	—	0.317	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.343	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.671	0.744	15	2.012*[f]	pCi/L	2.81	—	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.27	0.669	—	3.81*[f]	pCi/L	2.17	—	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	49.1	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	3.17	—	1	—	µg/L	—	3.17	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	3.17	—	1.39	—	µg/L	—	3.17	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	3.17	—	50	—	µg/L	—	3.17	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	3.17	—	3.28	—	µg/L	—	3.17	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.317	—	0.343	—	µg/L	—	0.317	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.69	—	781	—	µg/L	—	3.69	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.47	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.317	—	11.4	—	µg/L	—	0.317	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.317	—	35.1	—	µg/L	—	0.317	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	3.17	—	930	—	µg/L	—	3.17	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.91	—	1900	—	µg/L	—	3.91	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.13	—	1000	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.317	—	1.65	—	µg/L	—	0.317	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.71	2.61	—	4.72*[f]	pCi/L	8.94	—	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	N	0.6	—	200	2.75*[f]	µg/L	—	0.6	Y	U	U	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.78	—	10	0.748*[f]	mg/L	—	0.085	Y	—	NQ	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	3.17	—	190	—	µg/L	—	3.17	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	3.17	—	—	—	µg/L	—	3.17	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	3.17	—	38	—	µg/L	—	3.17	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	3.17	—	1.4	—	µg/L	—	3.17	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	3.17	—	—	—	µg/L	—	3.17	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	3.17	—	—	—	µg/L	—	3.17	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	—	0.00167	—	µg/L	—	0.00018	Y	U	U	N3B-2020-298	CAMO-20-189150	SwRI
R-13	958.3	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.17	—	0.00167	—	µg/L	—	3.17	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00036	—	0.00491	—	µg/L	—	0.00036	Y	U	U	N3B-2020-298	CAMO-20-189150	SwRI
R-13	958.3	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.17	—	0.00491	—	µg/L	—	3.17	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.00047	—	0.0273	—	µg/L	—	0.00047	Y	U	U	N3B-2020-298	CAMO-20-189150	SwRI
R-13	958.3	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.17	—	0.0273	—	µg/L	—	3.17	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	—	0.11	—	µg/L	—	0.00018	Y	U	U	N3B-2020-298	CAMO-20-189150	SwRI
R-13	958.3	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.17	—	0.11	—	µg/L	—	3.17	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	—	0.37	—	µg/L	—	0.00033	Y	U	U	N3B-2020-298	CAMO-20-189150	SwRI

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-13	958.3	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	3.17	—	0.37	—	µg/L	—	3.17	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.17	—	9.81	—	µg/L	—	3.17	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	3.17	—	3.07	—	µg/L	—	3.17	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	3.17	—	1	—	µg/L	—	3.17	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.421	—	13.8	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.594	—	70	—	ng/L	—	0.594	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.72	—	70	—	ng/L	—	0.72	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.72	—	70	—	ng/L	—	0.72	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.317	—	170	—	µg/L	—	0.317	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	3.17	—	5	—	µg/L	—	3.17	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00461	0.00651	—	0.00994*[f]	pCi/L	0.0418	—	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0046	0.0046	—	0.0171*[f]	pCi/L	0.0405	—	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.32	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	12.4	17.2	—	35.6*[f]	pCi/L	71.5	—	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	RE	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.17	—	250	2.06*[f]	µg/L	—	3.17	Y	UH	UJ	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.317	—	117	—	µg/L	—	0.317	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	3.17	—	20	—	µg/L	—	3.17	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.315	0.111	5	—	pCi/L	0.298	—	Y	—	NQ	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.456	0.192	5	—	pCi/L	—	—	Y	—	NQ	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.141	0.156	5	—	pCi/L	0.551	—	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.6	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.4	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.304	1.43	—	1.93*[f]	pCi/L	5.75	—	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	133.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	50.8	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.197	0.101	8	0.355*[f]	pCi/L	0.356	—	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.45	—	600	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	11/08/2019	WG	UF	RE	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.17	—	20	2.06*[f]	µg/L	—	3.17	Y	UH	UJ	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.17	—	1.66	—	µg/L	—	3.17	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.17	—	240	—	µg/L	—	3.17	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	12000	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	113.0	—	1000	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.165*[f]	mg/L	—	0.033	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.333	—	—	0.982*[f]	mg/L	—	0.33	Y	J	J	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Total PFAS	PFAS-Tot-3a	N	0.0	—	70	—	ng/L	—	1.8	—	U	—	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0327	—	—	0.0822*[f]	mg/L	—	0.02	Y	J	J	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	3.17	—	70	—	µg/L	—	3.17	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	3.17	—	1170	—	µg/L	—	3.17	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	3.17	—	11.9	—	µg/L	—	3.17	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.592	0.95	20000	2.06*[f]	pCi/L	3.019	—	Y	U	U	N3B-2020-333	CAMO-20-189150	ARSL

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-13	958.3	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.423	—	30	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.273	0.0329	27.2	0.653*[f]	pCi/L	0.0721	—	Y	—	NQ	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00243	0.00925	28.8	0.0423*[f]	pCi/L	0.0517	—	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.168	0.0255	30	0.322*[f]	pCi/L	0.0843	—	Y	—	NQ	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.7	—	63.1	10.7*[f]	µg/L	—	1.0	Y	J	J	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	4.63	—	10000	14.4*[f]	µg/L	—	3.3	Y	J	U	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.3	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.4	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0315	—	—	0.1*[f]	mg/L	—	0.017	Y	J	J	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	6.2	—	10	2.7*[f]	µg/L	—	2.0	Y	—	NQ	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	25.1	—	2000	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	750	18.7*[f]	µg/L	—	15.0	Y	U	U	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	13.9	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.66	—	250	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.13	—	50	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	07/09/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-2431	CAMO-19-181827	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.24	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	48.3	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.28	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	07/09/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-2431	CAMO-19-181827	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	1.21	—	1000	2.37*[f]	µg/L	—	0.2	Y	—	U	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.6	—	200	2.75*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.76	—	10	0.748*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.396	—	13.8	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.31	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.2	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.84	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	144.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	50.0	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.48	—	600	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	07/09/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2431	CAMO-19-181827	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	12000	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	154.0	—	1000	159*[f]	mg/L	—	3.4	Y	—	J+	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	07/09/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0531	—	—	0.165*[f]	mg/L	—	0.033	Y	J	U	N3B-2019-2431	CAMO-19-181827	GELC
R-13	958.3	07/09/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.519	—	—	0.982*[f]	mg/L	—	0.33	Y	J	J	N3B-2019-2431	CAMO-19-181827	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0804	—	—	0.0822*[f]	mg/L	—	0.02	Y	—	NQ	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.325	—	30	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.96	—	63.1	10.7*[f]	µg/L	—	1.0	Y	J	J	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.66	—	10000	14.4*[f]	µg/L	—	3.3	Y	J	U	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.27	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.8	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-1877	CAMO-19-175138	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-13	958.3	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0246	—	—	0.1*[f]	mg/L	—	0.017	Y	J	U	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.15	—	10	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	23.8	—	2000	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	750	18.7*[f]	µg/L	—	15.0	Y	U	U	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	13.6	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.58	—	250	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.02	—	50	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	05/09/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-1877	CAMO-19-175139	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.463	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	48.3	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.49	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	05/09/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-1877	CAMO-19-175139	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.12	—	1000	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.6	—	200	2.75*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.76	—	10	0.748*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.42	—	13.8	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.29	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.2	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.71	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	145.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	48.2	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.38	—	600	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	05/09/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1877	CAMO-19-175139	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	5.56	—	12000	13*[f]	µg/L	—	2.5	Y	J	U	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	103.0	—	1000	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	05/09/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.165*[f]	mg/L	—	0.033	Y	U	U	N3B-2019-1877	CAMO-19-175139	GELC
R-13	958.3	05/09/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2019-1877	CAMO-19-175139	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0321	—	—	0.0822*[f]	mg/L	—	0.02	Y	J	U	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.42	—	30	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.7	—	63.1	10.7*[f]	µg/L	—	1.0	Y	J	J	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	3.31	—	10000	14.4*[f]	µg/L	—	3.3	Y	J	J	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.2	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.6	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.1*[f]	mg/L	—	0.017	Y	U	U	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.48	—	10	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	24.6	—	2000	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	16.3	—	750	18.7*[f]	µg/L	—	15.0	Y	J	J	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	13.8	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.42	—	250	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.54	—	50	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-747	CAMO-19-165960	GELC

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Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-13	958.3	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	01/10/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-747	CAMO-19-165961	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.323	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	50.0	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.8	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	01/10/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-747	CAMO-19-165961	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.11	—	1000	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.6	—	200	2.75*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.865	—	10	0.748*[f]	mg/L	—	0.085	Y	—	NQ	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.459	—	13.8	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.35	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.6	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.1	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	153.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	50.2	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.31	—	600	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	01/10/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-747	CAMO-19-165961	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	5.89	—	12000	13*[f]	µg/L	—	2.5	Y	J	J	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	201.0	—	1000	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	01/10/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.165*[f]	mg/L	—	0.033	Y	U	U	N3B-2019-747	CAMO-19-165961	GELC
R-13	958.3	01/10/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.356	—	—	0.982*[f]	mg/L	—	0.33	Y	J	J	N3B-2019-747	CAMO-19-165961	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	—	0.0822*[f]	mg/L	—	0.02	Y	U	U	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.424	—	30	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.14	—	63.1	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	10000	14.4*[f]	µg/L	—	3.3	Y	U	U	N3B-2019-747	CAMO-19-165960	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.304	—	535	—	µg/L	—	0.304	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.304	—	—	—	µg/L	—	0.304	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	14100	—	µg/L	—	1.5	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.6	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	1.99	—	—	—	mg/L	—	1.45	Y	J	J	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	56.8	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00366	0.00366	—	0.0167*[f]	pCi/L	0.0367	—	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0345	—	—	0.1*[f]	mg/L	—	0.017	Y	J	U	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.26	—	130	—	µg/L	—	4.26	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.304	—	1720	—	µg/L	—	0.304	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	N	2.0	—	10	2.7*[f]	µg/L	—	2.0	Y	U	U	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	3.04	—	3	—	µg/L	—	3.04	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Azobenzene	103-33-3	N	3.04	—	1.2	—	µg/L	—	3.04	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	28.4	—	2000	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	3.96	—	0.00109	—	µg/L	—	3.96	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.304	—	0.12	—	µg/L	—	0.304	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.304	—	0.2	—	µg/L	—	0.304	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.304	—	0.343	—	µg/L	—	0.304	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.304	—	—	—	µg/L	—	0.304	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.304	—	3.43	—	µg/L	—	0.304	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.09	—	75000	—	µg/L	—	6.09	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	3.04	—	2000	—	µg/L	—	3.04	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2020-295	CAMO-20-189152	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-15	958.6	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	3.04	—	59	—	µg/L	—	3.04	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	3.04	—	0.137	—	µg/L	—	3.04	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.304	—	6	—	µg/L	—	0.304	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	750	18.7*[f]	µg/L	—	15.0	Y	U	U	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	1.34	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	3.04	—	—	—	µg/L	—	3.04	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.304	—	160	—	µg/L	—	0.304	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	13.8	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.14	1.53	—	2.93*[f]	pCi/L	4.46	—	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.01	—	250	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	3.04	—	1400	—	µg/L	—	3.04	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.35	—	3.7	—	µg/L	—	3.35	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	1.68	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.416	—	733	—	µg/L	—	0.416	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	3.04	—	91	—	µg/L	—	3.04	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.04	—	—	—	µg/L	—	3.04	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	10.7	—	50	6.6*[f]	µg/L	—	3.0	Y	—	NQ	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.304	—	34.3	—	µg/L	—	0.304	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.09	1.85	—	2.65*[f]	pCi/L	6.63	—	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.304	—	0.0343	—	µg/L	—	0.304	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	3.04	—	7.9	—	µg/L	—	3.04	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	3.04	—	600	—	µg/L	—	3.04	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.04	—	—	—	µg/L	—	3.04	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	3.04	—	75	—	µg/L	—	3.04	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	3.04	—	1.25	—	µg/L	—	3.04	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	3.04	—	45.3	—	µg/L	—	3.04	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-15	958.6	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.304	—	14800	—	µg/L	—	0.304	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.304	—	612	—	µg/L	—	0.304	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	3.04	—	354	—	µg/L	—	3.04	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.304	—	885	—	µg/L	—	0.304	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.04	—	1.52	—	µg/L	—	3.04	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	5.07	—	38.7	—	µg/L	—	5.07	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	3.04	—	2.37	—	µg/L	—	3.04	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	3.04	—	0.485	—	µg/L	—	3.04	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.304	—	200	—	µg/L	—	0.304	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	3.04	—	7	—	µg/L	—	3.04	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.04	—	4.59	—	µg/L	—	3.04	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	Y	0.469	—	4.59	—	µg/L	—	0.1	Y	—	NQ	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	3.04	—	122	—	µg/L	—	3.04	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.304	—	802	—	µg/L	—	0.304	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.304	—	288	—	µg/L	—	0.304	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.262	—	1.6	0.382*[r]	mg/L	—	0.033	Y	—	NQ	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.32	0.669	15	2.012*[r]	pCi/L	1.96	—	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.176	0.581	—	3.81*[r]	pCi/L	2.06	—	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	50.1	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	3.04	—	1	—	µg/L	—	3.04	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	3.04	—	1.39	—	µg/L	—	3.04	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	3.04	—	50	—	µg/L	—	3.04	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	3.04	—	3.28	—	µg/L	—	3.04	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.304	—	0.343	—	µg/L	—	0.304	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*[r]	µg/L	—	30.0	Y	U	U	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.55	—	781	—	µg/L	—	3.55	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	—	15	0.5*[r]	µg/L	—	0.5	Y	U	U	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.78	—	—	4.11*[r]	mg/L	—	0.11	Y	—	NQ	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[r]	µg/L	—	2.0	Y	U	U	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	—	2	0.067*[r]	µg/L	—	0.067	Y	U	U	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	—	2	0.067*[r]	µg/L	—	0.067	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.304	—	11.4	—	µg/L	—	0.304	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.304	—	35.1	—	µg/L	—	0.304	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	3.04	—	930	—	µg/L	—	3.04	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.75	—	1900	—	µg/L	—	3.75	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.04	—	1000	2.37*[r]	µg/L	—	0.2	Y	—	NQ	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.304	—	1.65	—	µg/L	—	0.304	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.02	2.69	—	4.72*[r]	pCi/L	9.98	—	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	N	0.6	—	200	2.75*[r]	µg/L	—	0.6	Y	U	U	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.0	—	10	0.748*[r]	mg/L	—	0.085	Y	—	NQ	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	3.04	—	190	—	µg/L	—	3.04	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-15	958.6	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	3.04	—	—	—	µg/L	—	3.04	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	3.04	—	38	—	µg/L	—	3.04	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	3.04	—	1.4	—	µg/L	—	3.04	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	3.04	—	—	—	µg/L	—	3.04	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	3.04	—	—	—	µg/L	—	3.04	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	—	0.00167	—	µg/L	—	0.00018	Y	U	U	N3B-2020-298	CAMO-20-189153	SwRI
R-15	958.6	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.04	—	0.00167	—	µg/L	—	3.04	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00036	—	0.00491	—	µg/L	—	0.00036	Y	U	U	N3B-2020-298	CAMO-20-189153	SwRI
R-15	958.6	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.04	—	0.00491	—	µg/L	—	3.04	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.00047	—	0.0273	—	µg/L	—	0.00047	Y	U	U	N3B-2020-298	CAMO-20-189153	SwRI
R-15	958.6	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.04	—	0.0273	—	µg/L	—	3.04	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	—	0.11	—	µg/L	—	0.00018	Y	U	U	N3B-2020-298	CAMO-20-189153	SwRI
R-15	958.6	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.04	—	0.11	—	µg/L	—	3.04	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	—	0.37	—	µg/L	—	0.00033	Y	U	U	N3B-2020-298	CAMO-20-189153	SwRI
R-15	958.6	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	3.04	—	0.37	—	µg/L	—	3.04	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.04	—	9.81	—	µg/L	—	3.04	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	3.04	—	3.07	—	µg/L	—	3.04	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	3.04	—	1	—	µg/L	—	3.04	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	10.6	—	13.8	0.412*[f]	µg/L	—	0.5	Y	—	NQ	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.571	—	70	—	ng/L	—	0.571	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.692	—	70	—	ng/L	—	0.692	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.692	—	70	—	ng/L	—	0.692	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.304	—	170	—	µg/L	—	0.304	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	3.04	—	5	—	µg/L	—	3.04	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00365	0.00517	—	0.00994*[f]	pCi/L	0.0331	—	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00548	0.00658	—	0.0171*[f]	pCi/L	0.0322	—	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.6	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	5.48	22.1	—	35.6*[f]	pCi/L	87.3	—	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	RE	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.04	—	250	2.06*[f]	µg/L	—	3.04	Y	UH	UJ	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.304	—	117	—	µg/L	—	0.304	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	3.04	—	20	—	µg/L	—	3.04	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.337	0.124	5	—	pCi/L	0.348	—	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.337	0.203	5	—	pCi/L	—	—	Y	—	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.00408	0.16	5	—	pCi/L	0.603	—	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.7	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.3	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.1	1.51	—	1.93*[f]	pCi/L	6.2	—	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	131.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	59.3	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0183	0.139	8	0.355*[f]	pCi/L	0.491	—	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.08	—	600	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	11/08/2019	WG	UF	RE	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.04	—	20	2.06*[f]	µg/L	—	3.04	Y	UH	UJ	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.04	—	1.66	—	µg/L	—	3.04	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.04	—	240	—	µg/L	—	3.04	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	12000	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	174.0	—	1000	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0479	—	—	0.165*[f]	mg/L	—	0.033	Y	J	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.537	—	—	0.982*[f]	mg/L	—	0.33	Y	J	J	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Total PFAS	PFAS-Tot-3a	N	0.0	—	70	—	ng/L	—	1.73	—	U	—	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0287	—	—	0.0822*[f]	mg/L	—	0.02	Y	J	J	N3B-2020-295	CAMO-20-189152	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-15	958.6	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	3.04	—	70	—	µg/L	—	3.04	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	3.04	—	1170	—	µg/L	—	3.04	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	3.04	—	11.9	—	µg/L	—	3.04	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	38.538	5.962	20000	2.06*[f]	pCi/L	3.118	—	Y	—	NQ	N3B-2020-333	CAMO-20-189153	ARSL
R-15	958.6	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.415	—	30	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.227	0.0257	27.2	0.653*[f]	pCi/L	0.0545	—	Y	—	NQ	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0197	0.00899	28.8	0.0423*[f]	pCi/L	0.0391	—	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.118	0.0185	30	0.322*[f]	pCi/L	0.0638	—	Y	—	NQ	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.19	—	63.1	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	10000	14.4*[f]	µg/L	—	3.3	Y	U	U	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.38	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	1.59	—	—	—	mg/L	—	1.45	Y	J	J	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	56.4	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0475	—	—	0.1*[f]	mg/L	—	0.017	Y	J	J	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	5.73	—	10	2.7*[f]	µg/L	—	2.0	Y	—	NQ	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	28.0	—	2000	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	750	18.7*[f]	µg/L	—	15.0	Y	U	U	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	14.3	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.29	—	250	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	11.3	—	50	6.6*[f]	µg/L	—	3.0	Y	—	NQ	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	07/09/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-2431	CAMO-19-181829	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.138	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	50.6	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.63	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	07/09/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-2431	CAMO-19-181829	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	1.14	—	1000	2.37*[f]	µg/L	—	0.2	Y	—	U	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.6	—	200	2.75*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.02	—	10	0.748*[f]	mg/L	—	0.085	Y	—	NQ	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	10.9	—	13.8	0.412*[f]	µg/L	—	0.5	Y	—	NQ	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.69	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.3	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.3	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	154.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	60.8	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.53	—	600	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-2431	CAMO-19-181828	GELC

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Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-15	958.6	07/09/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	07/09/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2431	CAMO-19-181829	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	12000	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	146.0	—	1000	159*[f]	mg/L	—	3.4	Y	—	J+	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	07/09/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0439	—	—	0.165*[f]	mg/L	—	0.033	Y	J	U	N3B-2019-2431	CAMO-19-181829	GELC
R-15	958.6	07/09/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.435	—	—	0.982*[f]	mg/L	—	0.33	Y	J	J	N3B-2019-2431	CAMO-19-181829	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0751	—	—	0.0822*[f]	mg/L	—	0.02	Y	—	NQ	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.298	—	30	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.86	—	63.1	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	4.1	—	10000	14.4*[f]	µg/L	—	3.3	Y	J	U	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.35	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	56.2	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.023	—	—	0.1*[f]	mg/L	—	0.017	Y	J	U	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.17	—	10	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	25.5	—	2000	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	750	18.7*[f]	µg/L	—	15.0	Y	U	U	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	13.0	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.07	—	250	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	10.8	—	50	6.6*[f]	µg/L	—	3.0	Y	—	NQ	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	05/09/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-1877	CAMO-19-175141	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.366	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	47.7	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.73	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	05/09/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-1877	CAMO-19-175141	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.981	—	1000	2.37*[f]	µg/L	—	0.2	Y	J	J	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.6	—	200	2.75*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.98	—	10	0.748*[f]	mg/L	—	0.085	Y	—	NQ	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	9.72	—	13.8	0.412*[f]	µg/L	—	0.5	Y	—	NQ	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.58	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.2	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.61	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	154.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	54.9	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.28	—	600	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	05/09/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1877	CAMO-19-175141	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	5.65	—	12000	13*[f]	µg/L	—	2.5	Y	J	U	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	139.0	—	1000	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	05/09/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.044	—	—	0.165*[f]	mg/L	—	0.033	Y	J	J	N3B-2019-1877	CAMO-19-175141	GELC
R-15	958.6	05/09/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2019-1877	CAMO-19-175141	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0408	—	—	0.0822*[f]	mg/L	—	0.02	Y	J	U	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.38	—	30	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.25	—	63.1	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	10000	14.4*[f]	µg/L	—	3.3	Y	U	U	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.37	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-751	CAMO-19-165962	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-15	958.6	01/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	56.8	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0197	—	—	0.1*[f]	mg/L	—	0.017	Y	J	J	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	2.0	—	10	2.7*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	27.3	—	2000	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	750	18.7*[f]	µg/L	—	15.0	Y	U	U	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0886	—	—	0.067*[f]	mg/L	—	0.067	Y	J	J	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	13.5	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.1	—	250	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	12.7	—	50	6.6*[f]	µg/L	—	3.0	Y	—	NQ	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	Y	1.62	—	50	1*[f]	µg/L	—	1.0	Y	J	J	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	01/11/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-751	CAMO-19-165963	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.181	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	50.4	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.06	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	01/11/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-751	CAMO-19-165963	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.03	—	1000	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.6	—	200	2.75*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.3	—	10	0.748*[f]	mg/L	—	0.085	Y	—	NQ	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	11.0	—	13.8	0.412*[f]	µg/L	—	0.5	Y	—	NQ	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.62	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.7	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.98	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	154.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	57.8	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.46	—	600	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	01/11/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-751	CAMO-19-165963	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	4.87	—	12000	13*[f]	µg/L	—	2.5	Y	J	J	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	161.0	—	1000	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	01/11/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.047	—	—	0.165*[f]	mg/L	—	0.033	Y	J	J	N3B-2019-751	CAMO-19-165963	GELC
R-15	958.6	01/11/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.424	—	—	0.982*[f]	mg/L	—	0.33	Y	J	J	N3B-2019-751	CAMO-19-165963	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0234	—	—	0.0822*[f]	mg/L	—	0.02	Y	J	J	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.387	—	30	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.96	—	63.1	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	10000	14.4*[f]	µg/L	—	3.3	Y	U	U	N3B-2019-751	CAMO-19-165962	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.3	—	535	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	1.97	—	14100	—	µg/L	—	1.5	Y	J	R	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.65	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.0	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0	0.0114	—	0.0167*[f]	pCi/L	0.0613	—	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0572	—	—	0.1*[f]	mg/L	—	0.017	Y	—	U	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.2	—	130	—	µg/L	—	4.2	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.3	—	1720	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2020-285	CAMO-20-189156	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.39	—	10	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	3.0	—	3	—	µg/L	—	3.0	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Azobenzene	103-33-3	N	3.0	—	1.2	—	µg/L	—	3.0	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	30.3	—	2000	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	3.9	—	0.00109	—	µg/L	—	3.9	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.3	—	0.12	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.3	—	0.2	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.3	—	0.343	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.3	—	3.43	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.0	—	75000	—	µg/L	—	6.0	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	3.0	—	2000	—	µg/L	—	3.0	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	3.0	—	59	—	µg/L	—	3.0	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	3.0	—	0.137	—	µg/L	—	3.0	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.48	—	6	—	µg/L	—	0.3	Y	BJ	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	750	18.7*[f]	µg/L	—	15.0	Y	U	U	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	1.34	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.3	—	160	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.2	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.0192	1.52	—	2.93*[f]	pCi/L	5.56	—	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.26	—	250	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	3.0	—	1400	—	µg/L	—	3.0	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.3	—	3.7	—	µg/L	—	3.3	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	1.68	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.41	—	733	—	µg/L	—	0.41	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	3.0	—	91	—	µg/L	—	3.0	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	5.99	—	50	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.3	—	34.3	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.65	1.47	—	2.65*[f]	pCi/L	6.14	—	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.3	—	0.0343	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	3.0	—	7.9	—	µg/L	—	3.0	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	3.0	—	600	—	µg/L	—	3.0	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	3.0	—	75	—	µg/L	—	3.0	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	3.0	—	1.25	—	µg/L	—	3.0	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	3.0	—	45.3	—	µg/L	—	3.0	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.3	—	14800	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.3	—	612	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	3.0	—	354	—	µg/L	—	3.0	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.3	—	885	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.0	—	1.52	—	µg/L	—	3.0	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	5.0	—	38.7	—	µg/L	—	5.0	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	3.0	—	2.37	—	µg/L	—	3.0	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	3.0	—	0.485	—	µg/L	—	3.0	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	3.0	—	7	—	µg/L	—	3.0	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	—	4.59	—	µg/L	—	0.1	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.0	—	4.59	—	µg/L	—	3.0	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	3.0	—	122	—	µg/L	—	3.0	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.3	—	802	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.3	—	288	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.453	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.901	0.806	15	2.012*[f]	pCi/L	2.89	—	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.24	0.786	—	3.81*[f]	pCi/L	2.51	—	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	42.9	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	3.0	—	1	—	µg/L	—	3.0	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	3.0	—	1.39	—	µg/L	—	3.0	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	3.0	—	50	—	µg/L	—	3.0	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	3.0	—	3.28	—	µg/L	—	3.0	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.3	—	0.343	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.5	—	781	—	µg/L	—	3.5	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.63	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.3	—	11.4	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.3	—	35.1	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	3.0	—	930	—	µg/L	—	3.0	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.7	—	1900	—	µg/L	—	3.7	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.35	—	1000	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.449	2.13	—	4.72*[f]	pCi/L	8.11	—	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	1.75	—	200	2.75*[f]	µg/L	—	0.6	Y	J	J	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.574	—	10	0.748*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	3.0	—	190	—	µg/L	—	3.0	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	3.0	—	38	—	µg/L	—	3.0	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	3.0	—	1.4	—	µg/L	—	3.0	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.0	—	0.00167	—	µg/L	—	3.0	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	Y	0.000238	—	0.00167	—	µg/L	—	0.00018	Y	J	J	N3B-2020-281	CAMO-20-189157	SwRI
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.0	—	0.00491	—	µg/L	—	3.0	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00036	—	0.00491	—	µg/L	—	0.00036	Y	U	U	N3B-2020-281	CAMO-20-189157	SwRI
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.0	—	0.0273	—	µg/L	—	3.0	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.00047	—	0.0273	—	µg/L	—	0.00047	Y	U	UJ	N3B-2020-281	CAMO-20-189157	SWRI
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.0	—	0.11	—	µg/L	—	3.0	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	—	0.11	—	µg/L	—	0.00018	Y	U	U	N3B-2020-281	CAMO-20-189157	SwRI
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	3.0	—	0.37	—	µg/L	—	3.0	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	—	0.37	—	µg/L	—	0.00033	Y	U	UJ	N3B-2020-281	CAMO-20-189157	SWRI
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.0	—	9.81	—	µg/L	—	3.0	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	3.0	—	3.07	—	µg/L	—	3.0	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	3.0	—	1	—	µg/L	—	3.0	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.371	—	13.8	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.562	—	70	—	ng/L	—	0.562	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.681	—	70	—	ng/L	—	0.681	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.681	—	70	—	ng/L	—	0.681	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.3	—	170	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	3.0	—	5	—	µg/L	—	3.0	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0107	0.0203	—	0.00994*[f]	pCi/L	0.0484	—	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0187	0.0116	—	0.0171*[f]	pCi/L	0.047	—	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.52	—	—	2.357*[f]	mg/L	—	0.05	Y	—	J+	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	22.1	22.7	—	35.6*[f]	pCi/L	91.6	—	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	RE	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.0	—	250	2.06*[f]	µg/L	—	3.0	Y	UH	UJ	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.3	—	117	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	3.0	—	20	—	µg/L	—	3.0	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.714	0.285	5	—	pCi/L	0.84	—	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.797	0.364	5	—	pCi/L	1.641	—	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.0833	0.226	5	—	pCi/L	0.801	—	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.4	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.8	—	—	15.3*[f]	mg/L	—	0.1	Y	N	NQ	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.93	1.21	—	1.93*[f]	pCi/L	5.95	—	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	123.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	49.5	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.178	0.144	8	0.355*[f]	pCi/L	0.482	—	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.32	—	600	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	11/06/2019	WG	UF	RE	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.0	—	20	2.06*[f]	µg/L	—	3.0	Y	UH	UJ	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-285	CAMO-20-189156	GELC

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R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.0	—	1.66	—	µg/L	—	3.0	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.0	—	240	—	µg/L	—	3.0	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	12000	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	153.0	—	1000	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.165*[f]	mg/L	—	0.033	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Total PFAS	PFAS-Tot-3a	N	0.0	—	70	—	ng/L	—	1.7	—	U	—	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.038	—	—	0.0822*[f]	mg/L	—	0.02	Y	J	U	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	3.0	—	70	—	µg/L	—	3.0	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	3.0	—	1170	—	µg/L	—	3.0	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	3.0	—	11.9	—	µg/L	—	3.0	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.687	0.933	20000	—	pCi/L	3.1	—	Y	U	U	N3B-2020-282	CAMO-20-189157	ARSL
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.914	—	30	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.514	0.045	27.2	0.653*[f]	pCi/L	0.0728	—	Y	—	NQ	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0209	0.0131	28.8	0.0423*[f]	pCi/L	0.0525	—	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.317	0.0352	30	0.322*[f]	pCi/L	0.085	—	Y	—	NQ	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.33	—	63.1	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	4.83	—	10000	14.4*[f]	µg/L	—	3.3	Y	J	J	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.83	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.0	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0439	—	—	0.1*[f]	mg/L	—	0.017	Y	J	J	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	5.8	—	10	2.7*[f]	µg/L	—	2.0	Y	—	NQ	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	31.1	—	2000	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	750	18.7*[f]	µg/L	—	15.0	Y	U	U	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.8	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.42	—	250	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.64	—	50	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	07/09/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-2431	CAMO-19-181831	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.187	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	44.4	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.63	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2431	CAMO-19-181830	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	07/09/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-2431	CAMO-19-181831	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	1.37	—	1000	2.37*[f]	µg/L	—	0.2	Y	—	U	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.76	—	200	2.75*[f]	µg/L	—	0.6	Y	J	J	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.543	—	10	0.748*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.387	—	13.8	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.5	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.7	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.9	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	145.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	49.2	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.5	—	600	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	07/09/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2431	CAMO-19-181831	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	12000	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	160.0	—	1000	159*[f]	mg/L	—	3.4	Y	—	J+	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	07/09/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0947	—	—	0.165*[f]	mg/L	—	0.033	Y	J	U	N3B-2019-2431	CAMO-19-181831	GELC
R-33 S1	995.5	07/09/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.428	—	—	0.982*[f]	mg/L	—	0.33	Y	J	J	N3B-2019-2431	CAMO-19-181831	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0847	—	—	0.0822*[f]	mg/L	—	0.02	Y	—	NQ	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.716	—	30	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.79	—	63.1	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	5.08	—	10000	14.4*[f]	µg/L	—	3.3	Y	J	U	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.8	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.86	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.6	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	69.5	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0217	—	—	0.1*[f]	mg/L	—	0.017	Y	J	J	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0488	—	—	0.1*[f]	mg/L	—	0.017	Y	J	J	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	2.0	—	10	2.7*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	Y	2.18	—	10	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	29.0	—	2000	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	29.4	—	2000	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	750	18.7*[f]	µg/L	—	15.0	Y	U	U	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	750	18.7*[f]	µg/L	—	15.0	Y	U	U	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.5	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.6	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.26	—	250	2.61*[f]	mg/L	—	0.067	Y	—	J-	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.3	—	250	2.61*[f]	mg/L	—	0.067	Y	—	J-	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	10.2	—	50	6.6*[f]	µg/L	—	3.0	Y	—	NQ	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	9.23	—	50	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	05/20/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-1943	CAMO-19-175143	GELC
R-33 S1	995.5	05/20/2019	WG	UF	INIT	FD	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-1943	CAMO-19-175145	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.238	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	J-	N3B-2019-1991	CAMO-19-175142	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.277	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	J-	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	41.3	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	41.9	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.66	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.72	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-1991	CAMO-19-175143	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	05/20/2019	WG	UF	INIT	FD	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-1991	CAMO-19-175145	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.52	—	1000	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.64	—	1000	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	4.15	—	200	2.75*[f]	µg/L	—	0.6	Y	—	J+	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	3.63	—	200	2.75*[f]	µg/L	—	0.6	Y	—	J+	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.545	—	10	0.748*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.554	—	10	0.748*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.366	—	13.8	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.4	—	13.8	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.49	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	1.52	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	72.4	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.3	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.6	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.7	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	159.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	143.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	47.0	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	47.4	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.36	—	600	4.51*[f]	mg/L	—	0.133	Y	—	J-	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.38	—	600	4.51*[f]	mg/L	—	0.133	Y	—	J-	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	05/20/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1943	CAMO-19-175143	GELC
R-33 S1	995.5	05/20/2019	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1943	CAMO-19-175145	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	12.8	—	12000	13*[f]	µg/L	—	2.5	Y	—	NQ	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Tin	Sn	Y	6.98	—	12000	13*[f]	µg/L	—	2.5	Y	J	J	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	171.0	—	1000	159*[f]	mg/L	—	3.4	Y	H	NQ	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	209.0	—	1000	159*[f]	mg/L	—	3.4	Y	H	NQ	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	05/20/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.142	—	—	0.165*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-1991	CAMO-19-175143	GELC
R-33 S1	995.5	05/20/2019	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0813	—	—	0.165*[f]	mg/L	—	0.033	Y	J	J	N3B-2019-1991	CAMO-19-175145	GELC
R-33 S1	995.5	05/20/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2019-1991	CAMO-19-175143	GELC
R-33 S1	995.5	05/20/2019	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2019-1991	CAMO-19-175145	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0324	—	—	0.0822*[f]	mg/L	—	0.02	Y	J	J	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0358	—	—	0.0822*[f]	mg/L	—	0.02	Y	J	J	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.786	—	30	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.773	—	30	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.17	—	63.1	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.27	—	63.1	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	7.97	—	10000	14.4*[f]	µg/L	—	3.3	Y	J	U	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Zinc	Zn	N	8.09	—	10000	14.4*[f]	µg/L	—	3.3	Y	J	U	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.77	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-747	CAMO-19-165964	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.8	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.8	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.6	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.1*[f]	mg/L	—	0.017	Y	U	U	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0319	—	—	0.1*[f]	mg/L	—	0.017	Y	J	J	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.74	—	10	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	Y	2.52	—	10	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	31.3	—	2000	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	29.9	—	2000	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	750	18.7*[f]	µg/L	—	15.0	Y	U	U	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	750	18.7*[f]	µg/L	—	15.0	Y	U	U	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.6	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.4	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.21	—	250	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.19	—	250	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	6.42	—	50	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	6.09	—	50	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	01/10/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-747	CAMO-19-165965	GELC
R-33 S1	995.5	01/10/2019	WG	UF	INIT	FD	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-747	CAMO-19-165967	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.24	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.228	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	46.0	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	45.8	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	82.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	J	J	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.14	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.2	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-747	CAMO-19-165965	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	01/10/2019	WG	UF	INIT	FD	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-747	CAMO-19-165967	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.24	—	1000	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.25	—	1000	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.52	—	200	2.75*[f]	µg/L	—	0.6	Y	J	J	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.63	—	200	2.75*[f]	µg/L	—	0.6	Y	J	J	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.535	—	10	0.748*[f]	mg/L	—	0.085	Y	—	NQ	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.512	—	10	0.748*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.419	—	13.8	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.451	—	13.8	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.56	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	1.53	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-747	CAMO-19-165964	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	75.8	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.8	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.4	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.1	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	142.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	143.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	50.5	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	49.1	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.34	—	600	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.27	—	600	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-747	CAMO-19-165965	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	01/10/2019	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-747	CAMO-19-165967	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	2.57	—	12000	13*[f]	µg/L	—	2.5	Y	J	J	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Tin	Sn	Y	6.27	—	12000	13*[f]	µg/L	—	2.5	Y	J	J	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	151.0	—	1000	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	143.0	—	1000	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	01/10/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.297	—	—	0.165*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-747	CAMO-19-165965	GELC
R-33 S1	995.5	01/10/2019	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.165*[f]	mg/L	—	0.033	Y	U	U	N3B-2019-747	CAMO-19-165967	GELC
R-33 S1	995.5	01/10/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2019-747	CAMO-19-165965	GELC
R-33 S1	995.5	01/10/2019	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2019-747	CAMO-19-165967	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0213	—	—	0.0822*[f]	mg/L	—	0.02	Y	J	J	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0279	—	—	0.0822*[f]	mg/L	—	0.02	Y	J	J	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.889	—	30	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.887	—	30	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.71	—	63.1	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.48	—	63.1	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	10000	14.4*[f]	µg/L	—	3.3	Y	U	U	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	10000	14.4*[f]	µg/L	—	3.3	Y	U	U	N3B-2019-747	CAMO-19-165966	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.301	—	535	—	µg/L	—	0.301	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.301	—	—	—	µg/L	—	0.301	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	2.47	—	14100	—	µg/L	—	1.5	Y	J	R	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.83	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.8	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0	0.00805	—	0.0167*[f]	pCi/L	0.0431	—	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0406	—	—	0.1*[f]	mg/L	—	0.017	Y	J	U	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.22	—	130	—	µg/L	—	4.22	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.301	—	1720	—	µg/L	—	0.301	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.07	—	10	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	3.01	—	3	—	µg/L	—	3.01	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Azobenzene	103-33-3	N	3.01	—	1.2	—	µg/L	—	3.01	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	32.4	—	2000	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	3.91	—	0.00109	—	µg/L	—	3.91	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.301	—	0.12	—	µg/L	—	0.301	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.301	—	0.2	—	µg/L	—	0.301	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.301	—	0.343	—	µg/L	—	0.301	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.301	—	—	—	µg/L	—	0.301	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.301	—	3.43	—	µg/L	—	0.301	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.02	—	75000	—	µg/L	—	6.02	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC

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Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	3.01	—	2000	—	µg/L	—	3.01	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	3.01	—	59	—	µg/L	—	3.01	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	3.01	—	0.137	—	µg/L	—	3.01	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.301	—	6	—	µg/L	—	0.301	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	750	18.7*[f]	µg/L	—	15.0	Y	U	U	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	1.34	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	3.01	—	—	—	µg/L	—	3.01	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.301	—	160	—	µg/L	—	0.301	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.1	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.987	1.33	—	2.93*[f]	pCi/L	4.87	—	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.92	—	250	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	3.01	—	1400	—	µg/L	—	3.01	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.31	—	3.7	—	µg/L	—	3.31	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	1.68	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.412	—	733	—	µg/L	—	0.412	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	3.01	—	91	—	µg/L	—	3.01	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.01	—	—	—	µg/L	—	3.01	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	5.33	—	50	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.301	—	34.3	—	µg/L	—	0.301	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.588	1.19	—	2.65*[f]	pCi/L	4.68	—	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.301	—	0.0343	—	µg/L	—	0.301	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	3.01	—	7.9	—	µg/L	—	3.01	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	3.01	—	600	—	µg/L	—	3.01	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.01	—	—	—	µg/L	—	3.01	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	3.01	—	75	—	µg/L	—	3.01	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	3.01	—	1.25	—	µg/L	—	3.01	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	3.01	—	45.3	—	µg/L	—	3.01	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.301	—	14800	—	µg/L	—	0.301	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.301	—	612	—	µg/L	—	0.301	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	3.01	—	354	—	µg/L	—	3.01	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.301	—	885	—	µg/L	—	0.301	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.01	—	1.52	—	µg/L	—	3.01	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	5.02	—	38.7	—	µg/L	—	5.02	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	3.01	—	2.37	—	µg/L	—	3.01	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	3.01	—	0.485	—	µg/L	—	3.01	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.301	—	200	—	µg/L	—	0.301	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	3.01	—	7	—	µg/L	—	3.01	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.01	—	4.59	—	µg/L	—	3.01	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	—	4.59	—	µg/L	—	0.1	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	3.01	—	122	—	µg/L	—	3.01	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.301	—	802	—	µg/L	—	0.301	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.301	—	288	—	µg/L	—	0.301	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.448	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.766	0.803	15	2.012*[f]	pCi/L	2.9	—	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.7	0.68	—	3.81*[f]	pCi/L	2.18	—	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	40.6	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	3.01	—	1	—	µg/L	—	3.01	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	3.01	—	1.39	—	µg/L	—	3.01	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	3.01	—	50	—	µg/L	—	3.01	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	3.01	—	3.28	—	µg/L	—	3.01	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.301	—	0.343	—	µg/L	—	0.301	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.51	—	781	—	µg/L	—	3.51	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.71	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.301	—	11.4	—	µg/L	—	0.301	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.301	—	35.1	—	µg/L	—	0.301	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	3.01	—	930	—	µg/L	—	3.01	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.71	—	1900	—	µg/L	—	3.71	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.15	—	1000	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.301	—	1.65	—	µg/L	—	0.301	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.46	2.68	—	4.72*[f]	pCi/L	9.6	—	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	N	0.6	—	200	2.75*[f]	µg/L	—	0.6	Y	U	U	N3B-2020-285	CAMO-20-189159	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.353	—	10	0.748*[f]	mg/L	—	0.17	Y	J	J	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	3.01	—	190	—	µg/L	—	3.01	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	3.01	—	—	—	µg/L	—	3.01	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	3.01	—	38	—	µg/L	—	3.01	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	3.01	—	1.4	—	µg/L	—	3.01	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	3.01	—	—	—	µg/L	—	3.01	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	3.01	—	—	—	µg/L	—	3.01	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.01	—	0.00167	—	µg/L	—	3.01	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	—	0.00167	—	µg/L	—	0.00018	Y	U	U	N3B-2020-281	CAMO-20-189160	SwRI
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.01	—	0.00491	—	µg/L	—	3.01	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00036	—	0.00491	—	µg/L	—	0.00036	Y	U	U	N3B-2020-281	CAMO-20-189160	SwRI
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.01	—	0.0273	—	µg/L	—	3.01	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.00047	—	0.0273	—	µg/L	—	0.00047	Y	U	UJ	N3B-2020-281	CAMO-20-189160	SWRI
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.01	—	0.11	—	µg/L	—	3.01	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	—	0.11	—	µg/L	—	0.00018	Y	U	U	N3B-2020-281	CAMO-20-189160	SwRI
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	3.01	—	0.37	—	µg/L	—	3.01	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	—	0.37	—	µg/L	—	0.00033	Y	U	UJ	N3B-2020-281	CAMO-20-189160	SWRI
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.01	—	9.81	—	µg/L	—	3.01	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	3.01	—	3.07	—	µg/L	—	3.01	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	3.01	—	1	—	µg/L	—	3.01	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.339	—	13.8	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.59	—	70	—	ng/L	—	0.59	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.715	—	70	—	ng/L	—	0.715	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.715	—	70	—	ng/L	—	0.715	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.301	—	170	—	µg/L	—	0.301	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	3.01	—	5	—	µg/L	—	3.01	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00751	0.0103	—	0.00994*[f]	pCi/L	0.0454	—	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0025	0.0083	—	0.0171*[f]	pCi/L	0.0441	—	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.15	—	—	2.357*[f]	mg/L	—	0.05	Y	—	J+	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-3.15	18.3	—	35.6*[f]	pCi/L	77.3	—	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	RE	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.01	—	250	2.06*[f]	µg/L	—	3.01	Y	UH	UJ	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.301	—	117	—	µg/L	—	0.301	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	3.01	—	20	—	µg/L	—	3.01	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	3.21	0.372	5	—	pCi/L	0.394	—	Y	—	NQ	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	3.21	0.44	5	—	pCi/L	—	—	Y	—	NQ	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.0807	0.233	5	—	pCi/L	0.849	—	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.6	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.8	—	—	15.3*[f]	mg/L	—	0.1	Y	N	NQ	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.397	1.47	—	1.93*[f]	pCi/L	6.04	—	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	120.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	44.9	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0308	0.135	8	0.355*[f]	pCi/L	0.493	—	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.19	—	600	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	RE	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.01	—	20	2.06*[f]	µg/L	—	3.01	Y	UH	UJ	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.01	—	1.66	—	µg/L	—	3.01	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.01	—	240	—	µg/L	—	3.01	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	12000	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	214.0	—	1000	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.165*[f]	mg/L	—	0.033	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Total PFAS	PFAS-Tot-3a	N	0.0	—	70	—	ng/L	—	1.79	—	U	—	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0365	—	—	0.0822*[f]	mg/L	—	0.02	Y	J	U	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	3.01	—	70	—	µg/L	—	3.01	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	3.01	—	1170	—	µg/L	—	3.01	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	3.01	—	11.9	—	µg/L	—	3.01	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.196	0.952	20000	—	pCi/L	3.211	—	Y	U	U	N3B-2020-282	CAMO-20-189160	ARSL
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	1.01	—	30	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.559	0.0505	27.2	0.653*[f]	pCi/L	0.0852	—	Y	—	NQ	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0109	0.0118	28.8	0.0423*[f]	pCi/L	0.0615	—	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.356	0.0402	30	0.322*[f]	pCi/L	0.0996	—	Y	—	NQ	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.84	—	63.1	10.7*[f]	µg/L	—	1.0	Y	J	J	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	3.81	—	10000	14.4*[f]	µg/L	—	3.3	Y	J	J	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.87	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.94	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.6	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66.8	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.055	—	—	0.1*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0286	—	—	0.1*[f]	mg/L	—	0.017	Y	J	J	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	5.56	—	10	2.7*[f]	µg/L	—	2.0	Y	—	NQ	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	Y	5.67	—	10	2.7*[f]	µg/L	—	2.0	Y	—	NQ	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	33.0	—	2000	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	34.6	—	2000	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	750	18.7*[f]	µg/L	—	15.0	Y	U	U	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	750	18.7*[f]	µg/L	—	15.0	Y	U	U	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.6	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.0	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.09	—	250	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.08	—	250	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.73	—	50	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.69	—	50	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	07/09/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-2431	CAMO-19-181833	GELC
R-33 S2	1112.4	07/09/2019	WG	UF	INIT	FD	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-2431	CAMO-19-181835	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.149	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.148	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	41.5	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	42.9	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.63	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.75	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-2431	CAMO-19-181833	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	07/09/2019	WG	UF	INIT	FD	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-2431	CAMO-19-181835	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	1.1	—	1000	2.37*[f]	µg/L	—	0.2	Y	—	U	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	N	1.15	—	1000	2.37*[f]	µg/L	—	0.2	Y	—	U	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.6	—	200	2.75*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	N	0.6	—	200	2.75*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.356	—	10	0.748*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.351	—	10	0.748*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.391	—	13.8	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.347	—	13.8	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.18	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	2.21	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.6	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	77.4	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.8	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.1	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	139.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	139.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	45.1	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	46.6	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.26	—	600	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.26	—	600	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2431	CAMO-19-181833	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	07/09/2019	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2431	CAMO-19-181835	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	12000	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Tin	Sn	N	2.54	—	12000	13*[f]	µg/L	—	2.5	Y	J	U	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	146.0	—	1000	159*[f]	mg/L	—	3.4	Y	—	J+	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	55.7	—	1000	159*[f]	mg/L	—	3.4	Y	—	J+	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	07/09/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0404	—	—	0.165*[f]	mg/L	—	0.033	Y	J	U	N3B-2019-2431	CAMO-19-181833	GELC
R-33 S2	1112.4	07/09/2019	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.062	—	—	0.165*[f]	mg/L	—	0.033	Y	J	U	N3B-2019-2431	CAMO-19-181835	GELC
R-33 S2	1112.4	07/09/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.35	—	—	0.982*[f]	mg/L	—	0.33	Y	J	J	N3B-2019-2431	CAMO-19-181833	GELC
R-33 S2	1112.4	07/09/2019	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.425	—	—	0.982*[f]	mg/L	—	0.33	Y	J	J	N3B-2019-2431	CAMO-19-181835	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0764	—	—	0.0822*[f]	mg/L	—	0.02	Y	—	NQ	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0728	—	—	0.0822*[f]	mg/L	—	0.02	Y	—	NQ	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.748	—	30	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.799	—	30	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.32	—	63.1	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.34	—	63.1	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	4.5	—	10000	14.4*[f]	µg/L	—	3.3	Y	J	U	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Zinc	Zn	N	4.11	—	10000	14.4*[f]	µg/L	—	3.3	Y	J	U	N3B-2019-2431	CAMO-19-181834	GELC

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Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.97	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.6	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.052	—	—	0.1*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	2.0	—	10	2.7*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	33.1	—	2000	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	750	18.7*[f]	µg/L	—	15.0	Y	U	U	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	9.84	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.04	—	250	2.61*[f]	mg/L	—	0.067	Y	—	J-	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.5	—	50	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	05/20/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-1943	CAMO-19-175147	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.216	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	J-	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	40.6	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.89	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	05/20/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-1991	CAMO-19-175147	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.988	—	1000	2.37*[f]	µg/L	—	0.2	Y	J	J	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.6	—	200	2.75*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.348	—	10	0.748*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.363	—	13.8	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.34	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	76.2	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.0	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	140.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	45.1	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.19	—	600	4.51*[f]	mg/L	—	0.133	Y	—	J-	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	05/20/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1943	CAMO-19-175147	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	8.1	—	12000	13*[f]	µg/L	—	2.5	Y	J	J	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	244.0	—	1000	159*[f]	mg/L	—	3.4	Y	H	NQ	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	05/20/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.165*[f]	mg/L	—	0.033	Y	U	U	N3B-2019-1991	CAMO-19-175147	GELC
R-33 S2	1112.4	05/20/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2019-1991	CAMO-19-175147	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0345	—	—	0.0822*[f]	mg/L	—	0.02	Y	J	J	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.853	—	30	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.07	—	63.1	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	7.28	—	10000	14.4*[f]	µg/L	—	3.3	Y	J	U	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.9	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	67.4	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.1*[f]	mg/L	—	0.017	Y	U	U	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.49	—	10	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	34.5	—	2000	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	750	18.7*[f]	µg/L	—	15.0	Y	U	U	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.6	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-747	CAMO-19-165968	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.99	—	250	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.95	—	50	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	01/10/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-747	CAMO-19-165969	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.218	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	44.7	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.44	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	01/10/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-747	CAMO-19-165969	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.06	—	1000	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.6	—	200	2.75*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.333	—	10	0.748*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.374	—	13.8	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.36	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	77.8	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.5	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	152.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	47.7	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.41	—	600	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	01/10/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-747	CAMO-19-165969	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	12000	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	160.0	—	1000	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	01/10/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.165*[f]	mg/L	—	0.033	Y	U	U	N3B-2019-747	CAMO-19-165969	GELC
R-33 S2	1112.4	01/10/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2019-747	CAMO-19-165969	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.028	—	—	0.0822*[f]	mg/L	—	0.02	Y	J	J	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.954	—	30	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.38	—	63.1	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	10000	14.4*[f]	µg/L	—	3.3	Y	U	U	N3B-2019-747	CAMO-19-165968	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.311	—	535	—	µg/L	—	0.311	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.311	—	—	—	µg/L	—	0.311	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	14100	—	µg/L	—	1.5	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.22	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	107.0	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0189	0.00758	—	0.0167*[f]	pCi/L	0.0424	—	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0195	—	—	0.1*[f]	mg/L	—	0.017	Y	J	U	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.35	—	130	—	µg/L	—	4.35	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.311	—	1720	—	µg/L	—	0.311	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	3.76	—	10	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	3.11	—	3	—	µg/L	—	3.11	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Azobenzene	103-33-3	N	3.11	—	1.2	—	µg/L	—	3.11	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	365.0	—	2000	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	4.04	—	0.00109	—	µg/L	—	4.04	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.311	—	0.12	—	µg/L	—	0.311	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.311	—	0.2	—	µg/L	—	0.311	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.311	—	0.343	—	µg/L	—	0.311	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.311	—	—	—	µg/L	—	0.311	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.311	—	3.43	—	µg/L	—	0.311	Y	U	U	N3B-2020-372	CASA-20-189211	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.22	—	75000	—	µg/L	—	6.22	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	3.11	—	2000	—	µg/L	—	3.11	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	3.11	—	59	—	µg/L	—	3.11	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	3.11	—	0.137	—	µg/L	—	3.11	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.311	—	6	—	µg/L	—	0.311	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	36.7	—	750	18.7*[f]	µg/L	—	15.0	Y	J	J	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	1.34	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	3.11	—	—	—	µg/L	—	3.11	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.311	—	160	—	µg/L	—	0.311	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	22.5	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.478	1.17	—	2.93*[f]	pCi/L	3.83	—	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.63	—	250	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	3.11	—	1400	—	µg/L	—	3.11	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.42	—	3.7	—	µg/L	—	3.42	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	1.68	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.425	—	733	—	µg/L	—	0.425	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	3.11	—	91	—	µg/L	—	3.11	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.11	—	—	—	µg/L	—	3.11	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	4.59	—	50	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.311	—	34.3	—	µg/L	—	0.311	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.68	1.22	—	2.65*[f]	pCi/L	4.93	—	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.311	—	0.0343	—	µg/L	—	0.311	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	3.11	—	7.9	—	µg/L	—	3.11	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	3.11	—	600	—	µg/L	—	3.11	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.11	—	—	—	µg/L	—	3.11	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	3.11	—	75	—	µg/L	—	3.11	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	3.11	—	1.25	—	µg/L	—	3.11	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189211	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	3.11	—	45.3	—	µg/L	—	3.11	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.311	—	14800	—	µg/L	—	0.311	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.311	—	612	—	µg/L	—	0.311	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	3.11	—	354	—	µg/L	—	3.11	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.311	—	885	—	µg/L	—	0.311	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.11	—	1.52	—	µg/L	—	3.11	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	5.18	—	38.7	—	µg/L	—	5.18	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	3.11	—	2.37	—	µg/L	—	3.11	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	3.11	—	0.485	—	µg/L	—	3.11	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.311	—	200	—	µg/L	—	0.311	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	3.11	—	7	—	µg/L	—	3.11	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.11	—	4.59	—	µg/L	—	3.11	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	—	4.59	—	µg/L	—	0.1	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	3.11	—	122	—	µg/L	—	3.11	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.311	—	802	—	µg/L	—	0.311	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.311	—	288	—	µg/L	—	0.311	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.382	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.07	0.804	15	2.012*[f]	pCi/L	2.77	—	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.53	0.699	—	3.81*[f]	pCi/L	2.13	—	Y	—	NQ	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	79.9	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	3.11	—	1	—	µg/L	—	3.11	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	3.11	—	1.39	—	µg/L	—	3.11	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	3.11	—	50	—	µg/L	—	3.11	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	3.11	—	3.28	—	µg/L	—	3.11	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.311	—	0.343	—	µg/L	—	0.311	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.63	—	781	—	µg/L	—	3.63	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.78	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	Y	0.136	—	2	0.067*[f]	µg/L	—	0.067	Y	J	J	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	Y	0.137	—	2	0.067*[f]	µg/L	—	0.067	Y	J	J	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.311	—	11.4	—	µg/L	—	0.311	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.311	—	35.1	—	µg/L	—	0.311	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	3.11	—	930	—	µg/L	—	3.11	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.83	—	1900	—	µg/L	—	3.83	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.0	—	1000	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.311	—	1.65	—	µg/L	—	0.311	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.36	2.47	—	4.72*[f]	pCi/L	7.46	—	Y	U	U	N3B-2020-372	CASA-20-189211	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	4.6	—	200	2.75*[f]	µg/L	—	0.6	Y	—	NQ	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.434	—	10	0.748*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	3.11	—	190	—	µg/L	—	3.11	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	3.11	—	—	—	µg/L	—	3.11	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	3.11	—	38	—	µg/L	—	3.11	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	3.11	—	1.4	—	µg/L	—	3.11	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	3.11	—	—	—	µg/L	—	3.11	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	3.11	—	—	—	µg/L	—	3.11	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	—	0.00167	—	µg/L	—	0.00018	Y	U	U	N3B-2020-377	CASA-20-189211	SwRI
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.11	—	0.00167	—	µg/L	—	3.11	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00036	—	0.00491	—	µg/L	—	0.00036	Y	U	U	N3B-2020-377	CASA-20-189211	SwRI
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.11	—	0.00491	—	µg/L	—	3.11	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.00047	—	0.0273	—	µg/L	—	0.00047	Y	U	UJ	N3B-2020-377	CASA-20-189211	SwRI
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.11	—	0.0273	—	µg/L	—	3.11	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	—	0.11	—	µg/L	—	0.00018	Y	U	U	N3B-2020-377	CASA-20-189211	SwRI
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.11	—	0.11	—	µg/L	—	3.11	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	—	0.37	—	µg/L	—	0.00033	Y	U	U	N3B-2020-377	CASA-20-189211	SwRI
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	3.11	—	0.37	—	µg/L	—	3.11	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.11	—	9.81	—	µg/L	—	3.11	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	3.11	—	3.07	—	µg/L	—	3.11	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	3.11	—	1	—	µg/L	—	3.11	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.438	—	13.8	0.412*[f]	µg/L	—	0.05	Y	—	J	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.573	—	70	—	ng/L	—	0.573	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.695	—	70	—	ng/L	—	0.695	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.695	—	70	—	ng/L	—	0.695	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.311	—	170	—	µg/L	—	0.311	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	3.11	—	5	—	µg/L	—	3.11	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00601	0.0112	—	0.00994*[f]	pCi/L	0.0585	—	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00301	0.0131	—	0.0171*[f]	pCi/L	0.0469	—	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	4.11	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	20.3	23.4	—	35.6*[f]	pCi/L	40.9	—	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.11	—	250	2.06*[f]	µg/L	—	3.11	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.311	—	117	—	µg/L	—	0.311	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	3.11	—	20	—	µg/L	—	3.11	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.324	0.0989	5	—	pCi/L	0.239	—	Y	—	NQ	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.577	0.236	5	—	pCi/L	—	—	Y	—	NQ	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.253	0.214	5	—	pCi/L	0.726	—	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	80.0	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	17.0	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.736	1.14	—	1.93*[f]	pCi/L	4.01	—	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	215.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	169.0	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.333	0.15	8	0.355*[f]	pCi/L	0.482	—	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.7	—	600	4.51*[f]	mg/L	—	0.133	Y	—	J+	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.11	—	20	2.06*[f]	µg/L	—	3.11	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.11	—	1.66	—	µg/L	—	3.11	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.11	—	240	—	µg/L	—	3.11	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	12000	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	226.0	—	1000	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.165*[f]	mg/L	—	0.033	Y	U	U	N3B-2020-372	CASA-20-189211	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Total PFAS	PFAS-Tot-3a	N	0.0	—	70	—	ng/L	—	1.74	—	U	—	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	—	0.0822*[f]	mg/L	—	0.02	Y	U	U	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	3.11	—	70	—	µg/L	—	3.11	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	3.11	—	1170	—	µg/L	—	3.11	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	3.11	—	11.9	—	µg/L	—	3.11	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-1.334	0.882	20000	2.06*[f]	pCi/L	2.985	—	Y	U	U	N3B-2020-444	CASA-20-189211	ARSL
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.604	—	30	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.55	0.056	27.2	0.653*[f]	pCi/L	0.107	—	Y	—	NQ	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0204	0.014	28.8	0.0423*[f]	pCi/L	0.0771	—	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.261	0.0387	30	0.322*[f]	pCi/L	0.125	—	Y	—	NQ	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	17.2	—	63.1	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	10000	14.4*[f]	µg/L	—	3.3	Y	U	U	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.18	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	108.0	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Aluminum	Al	N	19.3	—	—	68*[f]	µg/L	—	19.3	Y	U	U	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.1*[f]	mg/L	—	0.017	Y	U	U	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	N	2.0	—	—	2.7*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	332.0	—	—	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Beryllium	Be	N	0.2	—	—	1*[f]	µg/L	—	0.2	Y	U	U	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	34.7	—	—	18.7*[f]	µg/L	—	15.0	Y	J	J	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	—	—	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	20.7	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.57	—	—	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	4.49	—	—	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cobalt	Co	N	0.3	—	—	1*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Copper	Cu	N	0.3	—	—	3*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	09/25/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-3549	CASA-19-186489	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.373	—	—	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	74.0	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	—	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	—	—	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.39	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	—	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	09/25/2019	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-3549	CASA-19-186489	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	0.972	—	—	2.37*[f]	µg/L	—	0.2	Y	J	J	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	4.07	—	—	2.75*[f]	µg/L	—	0.6	Y	—	NQ	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.53	—	—	0.748*[f]	mg/L	—	0.085	Y	—	NQ	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.434	—	—	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.47	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	2.0	—	—	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	75.6	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	—	—	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	15.6	—	—	15.3*[f]	mg/L	—	0.1	Y	—	J+	N3B-2019-3549	CASA-19-186490	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	219.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	155.0	—	—	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.56	—	—	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	09/25/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-3549	CASA-19-186489	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	—	—	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	199.0	—	—	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	09/25/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.165*[f]	mg/L	—	0.033	Y	U	U	N3B-2019-3549	CASA-19-186489	GELC
R-35a	1013.1	09/25/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.505	—	—	0.982*[f]	mg/L	—	0.33	Y	J	J	N3B-2019-3549	CASA-19-186489	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0806	—	—	0.0822*[f]	mg/L	—	0.02	Y	—	U	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.584	—	—	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Vanadium	V	Y	19.2	—	—	10.7*[f]	µg/L	—	3.3	Y	J	J	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Zinc	Zn	Y	3.61	—	—	14.4*[f]	µg/L	—	3.3	Y	J	J	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	08/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.17	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-2981	CASA-19-184712	GELC
R-35a	1013.1	08/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-2981	CASA-19-184712	GELC
R-35a	1013.1	08/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	109.0	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-2981	CASA-19-184712	GELC
R-35a	1013.1	08/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	—	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-2981	CASA-19-184712	GELC
R-35a	1013.1	08/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.192	—	—	0.1*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2019-2981	CASA-19-184712	GELC
R-35a	1013.1	08/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2981	CASA-19-184712	GELC
R-35a	1013.1	08/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.15	—	—	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-2981	CASA-19-184712	GELC
R-35a	1013.1	08/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	343.0	—	—	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2981	CASA-19-184712	GELC
R-35a	1013.1	08/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2981	CASA-19-184712	GELC
R-35a	1013.1	08/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	35.6	—	—	18.7*[f]	µg/L	—	15.0	Y	J	J	N3B-2019-2981	CASA-19-184712	GELC
R-35a	1013.1	08/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-2981	CASA-19-184712	GELC
R-35a	1013.1	08/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	—	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-2981	CASA-19-184712	GELC
R-35a	1013.1	08/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	21.1	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-2981	CASA-19-184712	GELC
R-35a	1013.1	08/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.76	—	—	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-2981	CASA-19-184712	GELC
R-35a	1013.1	08/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.69	—	—	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-2981	CASA-19-184712	GELC
R-35a	1013.1	08/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2981	CASA-19-184712	GELC
R-35a	1013.1	08/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	—	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-2981	CASA-19-184712	GELC
R-35a	1013.1	08/13/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-2981	CASA-19-184713	GELC
R-35a	1013.1	08/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.589	—	—	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-2981	CASA-19-184712	GELC
R-35a	1013.1	08/13/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	75.1	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-2981	CASA-19-184712	GELC
R-35a	1013.1	08/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	—	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-2981	CASA-19-184712	GELC
R-35a	1013.1	08/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	—	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-2981	CASA-19-184712	GELC
R-35a	1013.1	08/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.47	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-2981	CASA-19-184712	GELC
R-35a	1013.1	08/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	—	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2981	CASA-19-184712	GELC
R-35a	1013.1	08/13/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-2981	CASA-19-184712	GELC
R-35a	1013.1	08/13/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-2981	CASA-19-184713	GELC
R-35a	1013.1	08/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.08	—	—	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-2981	CASA-19-184712	GELC
R-35a	1013.1	08/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	4.97	—	—	2.75*[f]	µg/L	—	0.6	Y	—	NQ	N3B-2019-2981	CASA-19-184712	GELC
R-35a	1013.1	08/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.446	—	—	0.748*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2019-2981	CASA-19-184712	GELC
R-35a	1013.1	08/13/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.442	—	—	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-2981	CASA-19-184712	GELC
R-35a	1013.1	08/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.74	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-2981	CASA-19-184712	GELC
R-35a	1013.1	08/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	—	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2981	CASA-19-184712	GELC
R-35a	1013.1	08/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	75.1	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-2981	CASA-19-184712	GELC
R-35a	1013.1	08/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	—	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-2981	CASA-19-184712	GELC
R-35a	1013.1	08/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	15.8	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-2981	CASA-19-184712	GELC
R-35a	1013.1	08/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	207.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-2981	CASA-19-184712	GELC
R-35a	1013.1	08/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	161.0	—	—	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2981	CASA-19-184712	GELC
R-35a	1013.1	08/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.63	—	—	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-2981	CASA-19-184712	GELC
R-35a	1013.1	08/13/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2981	CASA-19-184712	GELC
R-35a	1013.1	08/13/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2981	CASA-19-184713	GELC
R-35a	1013.1	08/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	—	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-2981	CASA-19-184712	GELC
R-35a	1013.1	08/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2019-2981	CASA-19-184712	GELC
R-35a	1013.1	08/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	156.0	—	—	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-2981	CASA-19-184712	GELC
R-35a	1013.1	08/13/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.163	—	—	0.165*[f]	mg/L	—	0.033	Y	—	U	N3B-2019-2981	CASA-19-184713	GELC
R-35a	1013.1	08/13/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.383	—	—	0.982*[f]	mg/L	—	0.33	Y	J	J	N3B-2019-2981	CASA-19-184713	GELC
R-35a	1013.1	08/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0245	—	—	0.0822*[f]	mg/L	—	0.02	Y	J	U	N3B-2019-2981	CASA-19-184712	GELC
R-35a	1013.1	08/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.643	—	—	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-2981	CASA-19-184712	GELC
R-35a	1013.1	08/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	16.6	—	—	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2981	CASA-19-184712	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-35a	1013.1	08/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	14.4*[f]	µg/L	—	3.3	Y	U	U	N3B-2019-2981	CASA-19-184712	GELC
R-35a	1013.1	07/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.2	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-2610	CASA-19-182101	GELC
R-35a	1013.1	07/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-2610	CASA-19-182101	GELC
R-35a	1013.1	07/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	106.0	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-2610	CASA-19-182101	GELC
R-35a	1013.1	07/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-2610	CASA-19-182101	GELC
R-35a	1013.1	07/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.1*[f]	mg/L	—	0.017	Y	U	U	N3B-2019-2610	CASA-19-182101	GELC
R-35a	1013.1	07/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2610	CASA-19-182101	GELC
R-35a	1013.1	07/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.89	—	10	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-2610	CASA-19-182101	GELC
R-35a	1013.1	07/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	348.0	—	2000	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2610	CASA-19-182101	GELC
R-35a	1013.1	07/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2610	CASA-19-182101	GELC
R-35a	1013.1	07/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	36.0	—	750	18.7*[f]	µg/L	—	15.0	Y	J	J	N3B-2019-2610	CASA-19-182101	GELC
R-35a	1013.1	07/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-2610	CASA-19-182101	GELC
R-35a	1013.1	07/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-2610	CASA-19-182101	GELC
R-35a	1013.1	07/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	22.9	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-2610	CASA-19-182101	GELC
R-35a	1013.1	07/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	7.18	—	250	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-2610	CASA-19-182101	GELC
R-35a	1013.1	07/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.17	—	50	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-2610	CASA-19-182101	GELC
R-35a	1013.1	07/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2610	CASA-19-182101	GELC
R-35a	1013.1	07/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-2610	CASA-19-182101	GELC
R-35a	1013.1	07/19/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-2610	CASA-19-182102	GELC
R-35a	1013.1	07/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.52	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-2610	CASA-19-182101	GELC
R-35a	1013.1	07/19/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	80.7	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-2610	CASA-19-182101	GELC
R-35a	1013.1	07/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-2610	CASA-19-182101	GELC
R-35a	1013.1	07/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-2610	CASA-19-182101	GELC
R-35a	1013.1	07/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.72	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-2610	CASA-19-182101	GELC
R-35a	1013.1	07/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2610	CASA-19-182101	GELC
R-35a	1013.1	07/19/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-2610	CASA-19-182101	GELC
R-35a	1013.1	07/19/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-2610	CASA-19-182102	GELC
R-35a	1013.1	07/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.23	—	1000	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-2610	CASA-19-182101	GELC
R-35a	1013.1	07/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	5.03	—	200	2.75*[f]	µg/L	—	0.6	Y	—	NQ	N3B-2019-2610	CASA-19-182101	GELC
R-35a	1013.1	07/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.444	—	10	0.748*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2019-2610	CASA-19-182101	GELC
R-35a	1013.1	07/19/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.382	—	13.8	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-2610	CASA-19-182101	GELC
R-35a	1013.1	07/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.74	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-2610	CASA-19-182101	GELC
R-35a	1013.1	07/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2610	CASA-19-182101	GELC
R-35a	1013.1	07/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	79.6	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-2610	CASA-19-182101	GELC
R-35a	1013.1	07/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-2610	CASA-19-182101	GELC
R-35a	1013.1	07/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	16.8	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-2610	CASA-19-182101	GELC
R-35a	1013.1	07/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	134.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-2610	CASA-19-182101	GELC
R-35a	1013.1	07/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	164.0	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2610	CASA-19-182101	GELC
R-35a	1013.1	07/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.82	—	600	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-2610	CASA-19-182101	GELC
R-35a	1013.1	07/19/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2610	CASA-19-182101	GELC
R-35a	1013.1	07/19/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2610	CASA-19-182102	GELC
R-35a	1013.1	07/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-2610	CASA-19-182101	GELC
R-35a	1013.1	07/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	2.52	—	12000	13*[f]	µg/L	—	2.5	Y	J	J	N3B-2019-2610	CASA-19-182101	GELC
R-35a	1013.1	07/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	157.0	—	1000	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-2610	CASA-19-182101	GELC
R-35a	1013.1	07/19/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0382	—	—	0.165*[f]	mg/L	—	0.033	Y	J	U	N3B-2019-2610	CASA-19-182102	GELC
R-35a	1013.1	07/19/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.387	—	—	0.982*[f]	mg/L	—	0.33	Y	J	J	N3B-2019-2610	CASA-19-182102	GELC
R-35a	1013.1	07/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0332	—	—	0.0822*[f]	mg/L	—	0.02	Y	J	U	N3B-2019-2610	CASA-19-182101	GELC
R-35a	1013.1	07/19/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	2.273	1.003	20000	2.06*[f]	pCi/L	3.06	—	Y	U	U	N3B-2019-2784	CASA-19-182102	ARSL
R-35a	1013.1	07/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.689	—	30	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-2610	CASA-19-182101	GELC
R-35a	1013.1	07/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	16.8	—	63.1	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2610	CASA-19-182101	GELC
R-35a	1013.1	07/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	6.34	—	10000	14.4*[f]	µg/L	—	3.3	Y	J	U	N3B-2019-2610	CASA-19-182101	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.17	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-2165	CASA-19-181664	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.18	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-2165	CASA-19-181669	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-2165	CASA-19-181664	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-2165	CASA-19-181669	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	108.0	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-2165	CASA-19-181664	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	109.0	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-2165	CASA-19-181669	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	—	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-2165	CASA-19-181664	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	—	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-2165	CASA-19-181669	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0192	—	—	0.1*[f]	mg/L	—	0.017	Y	J	U	N3B-2019-2165	CASA-19-181664	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0505	—	—	0.1*[f]	mg/L	—	0.017	Y	—	U	N3B-2019-2165	CASA-19-181669	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2165	CASA-19-181664	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-35a	1013.1	06/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2165	CASA-19-181669	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	4.86	—	—	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-2165	CASA-19-181664	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	Y	4.92	—	—	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-2165	CASA-19-181669	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	347.0	—	—	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2165	CASA-19-181664	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	343.0	—	—	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2165	CASA-19-181669	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2165	CASA-19-181664	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2165	CASA-19-181669	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	40.5	—	—	18.7*[f]	µg/L	—	15.0	Y	J	J	N3B-2019-2165	CASA-19-181664	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	Y	41.5	—	—	18.7*[f]	µg/L	—	15.0	Y	J	J	N3B-2019-2165	CASA-19-181669	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-2165	CASA-19-181664	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-2165	CASA-19-181669	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	—	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-2165	CASA-19-181664	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	—	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-2165	CASA-19-181669	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	21.5	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-2165	CASA-19-181664	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	21.5	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-2165	CASA-19-181669	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.64	—	—	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-2165	CASA-19-181664	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.52	—	—	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-2165	CASA-19-181669	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.99	—	—	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-2165	CASA-19-181664	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.73	—	—	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-2165	CASA-19-181669	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2165	CASA-19-181664	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2165	CASA-19-181669	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	—	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-2165	CASA-19-181664	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	—	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-2165	CASA-19-181669	GELC
R-35a	1013.1	06/10/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-2165	CASA-19-181665	GELC
R-35a	1013.1	06/10/2019	WG	UF	INIT	FD	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-2165	CASA-19-181670	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.568	—	—	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-2165	CASA-19-181664	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.542	—	—	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-2165	CASA-19-181669	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	79.3	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-2165	CASA-19-181664	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	79.1	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-2165	CASA-19-181669	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	—	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-2165	CASA-19-181664	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	—	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-2165	CASA-19-181669	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	—	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-2165	CASA-19-181664	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	—	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-2165	CASA-19-181669	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.18	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-2165	CASA-19-181664	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.15	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-2165	CASA-19-181669	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	—	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2165	CASA-19-181664	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	—	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2165	CASA-19-181669	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-2165	CASA-19-181664	GELC
R-35a	1013.1	06/10/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-2165	CASA-19-181665	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	FD	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-2165	CASA-19-181669	GELC
R-35a	1013.1	06/10/2019	WG	UF	INIT	FD	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-2165	CASA-19-181670	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.21	—	—	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-2165	CASA-19-181664	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.957	—	—	2.37*[f]	µg/L	—	0.2	Y	J	J	N3B-2019-2165	CASA-19-181669	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	4.09	—	—	2.75*[f]	µg/L	—	0.6	Y	—	NQ	N3B-2019-2165	CASA-19-181664	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	3.95	—	—	2.75*[f]	µg/L	—	0.6	Y	—	NQ	N3B-2019-2165	CASA-19-181669	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.445	—	—	0.748*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2019-2165	CASA-19-181664	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.451	—	—	0.748*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2019-2165	CASA-19-181669	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.399	—	—	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-2165	CASA-19-181664	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.418	—	—	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-2165	CASA-19-181669	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.84	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-2165	CASA-19-181664	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	3.82	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-2165	CASA-19-181669	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	—	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2165	CASA-19-181664	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	—	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2165	CASA-19-181669	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	84.5	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-2165	CASA-19-181664	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	83.5	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-2165	CASA-19-181669	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	—	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-2165	CASA-19-181664	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	—	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-2165	CASA-19-181669	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	16.9	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-2165	CASA-19-181664	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	16.9	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-2165	CASA-19-181669	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	241.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-2165	CASA-19-181664	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	239.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-2165	CASA-19-181669	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	167.0	—	—	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2165	CASA-19-181664	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-35a	1013.1	06/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	167.0	—	—	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2165	CASA-19-181669	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.48	—	—	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-2165	CASA-19-181664	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.46	—	—	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-2165	CASA-19-181669	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2165	CASA-19-181664	GELC
R-35a	1013.1	06/10/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2165	CASA-19-181665	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2165	CASA-19-181669	GELC
R-35a	1013.1	06/10/2019	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2165	CASA-19-181670	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	—	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-2165	CASA-19-181664	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	—	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-2165	CASA-19-181669	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	35.8	—	—	13*[f]	µg/L	—	2.5	Y	—	J+	N3B-2019-2165	CASA-19-181664	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Tin	Sn	Y	39.0	—	—	13*[f]	µg/L	—	2.5	Y	—	J+	N3B-2019-2165	CASA-19-181669	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	233.0	—	—	159*[f]	mg/L	—	3.4	Y	—	J+	N3B-2019-2165	CASA-19-181664	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	246.0	—	—	159*[f]	mg/L	—	3.4	Y	—	J+	N3B-2019-2165	CASA-19-181669	GELC
R-35a	1013.1	06/10/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.298	—	—	0.165*[f]	mg/L	—	0.033	Y	—	J+	N3B-2019-2165	CASA-19-181665	GELC
R-35a	1013.1	06/10/2019	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.34	—	—	0.165*[f]	mg/L	—	0.033	Y	—	J+	N3B-2019-2165	CASA-19-181670	GELC
R-35a	1013.1	06/10/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2019-2165	CASA-19-181665	GELC
R-35a	1013.1	06/10/2019	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2019-2165	CASA-19-181670	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0363	—	—	0.0822*[f]	mg/L	—	0.02	Y	J	U	N3B-2019-2165	CASA-19-181664	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.04	—	—	0.0822*[f]	mg/L	—	0.02	Y	J	U	N3B-2019-2165	CASA-19-181669	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.591	—	—	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-2165	CASA-19-181664	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.567	—	—	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-2165	CASA-19-181669	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	16.7	—	—	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2165	CASA-19-181664	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	16.9	—	—	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2165	CASA-19-181669	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	6.17	—	—	14.4*[f]	µg/L	—	3.3	Y	J	J	N3B-2019-2165	CASA-19-181664	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Zinc	Zn	Y	6.83	—	—	14.4*[f]	µg/L	—	3.3	Y	J	J	N3B-2019-2165	CASA-19-181669	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.14	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-1804	CASA-19-175185	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.14	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-1804	CASA-19-175188	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-1804	CASA-19-175185	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-1804	CASA-19-175188	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	106.0	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-1804	CASA-19-175185	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	109.0	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-1804	CASA-19-175188	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-1804	CASA-19-175185	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-1804	CASA-19-175188	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.1*[f]	mg/L	—	0.017	Y	U	U	N3B-2019-1804	CASA-19-175185	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0278	—	—	0.1*[f]	mg/L	—	0.017	Y	J	U	N3B-2019-1804	CASA-19-175188	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1804	CASA-19-175185	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1804	CASA-19-175188	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.61	—	10	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-1804	CASA-19-175185	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	Y	3.57	—	10	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-1804	CASA-19-175188	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	285.0	—	2000	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1804	CASA-19-175185	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	312.0	—	2000	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1804	CASA-19-175188	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1804	CASA-19-175185	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1804	CASA-19-175188	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	30.6	—	750	18.7*[f]	µg/L	—	15.0	Y	J	J	N3B-2019-1804	CASA-19-175185	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	Y	32.6	—	750	18.7*[f]	µg/L	—	15.0	Y	J	J	N3B-2019-1804	CASA-19-175188	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-1804	CASA-19-175185	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-1804	CASA-19-175188	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-1804	CASA-19-175185	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-1804	CASA-19-175188	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	18.2	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-1804	CASA-19-175185	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	20.2	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-1804	CASA-19-175188	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.38	—	250	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-1804	CASA-19-175185	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.41	—	250	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-1804	CASA-19-175188	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.2	—	50	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-1804	CASA-19-175185	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.24	—	50	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-1804	CASA-19-175188	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1804	CASA-19-175185	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1804	CASA-19-175188	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-1804	CASA-19-175185	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-1804	CASA-19-175188	GELC
R-35a	1013.1	05/07/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-1804	CASA-19-175186	GELC
R-35a	1013.1	05/07/2019	WG	UF	INIT	FD	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-1804	CASA-19-175189	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.611	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-1804	CASA-19-175185	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-35a	1013.1	05/07/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.612	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-1804	CASA-19-175188	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	64.4	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-1804	CASA-19-175185	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	71.4	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-1804	CASA-19-175188	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-1804	CASA-19-175185	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-1804	CASA-19-175188	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-1804	CASA-19-175185	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-1804	CASA-19-175188	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.6	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-1804	CASA-19-175185	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.08	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-1804	CASA-19-175188	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1804	CASA-19-175185	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1804	CASA-19-175188	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-1804	CASA-19-175185	GELC
R-35a	1013.1	05/07/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-1804	CASA-19-175186	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	FD	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-1804	CASA-19-175188	GELC
R-35a	1013.1	05/07/2019	WG	UF	INIT	FD	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-1804	CASA-19-175189	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.0	—	1000	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-1804	CASA-19-175185	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.964	—	1000	2.37*[f]	µg/L	—	0.2	Y	J	J	N3B-2019-1804	CASA-19-175188	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.49	—	200	2.75*[f]	µg/L	—	0.6	Y	—	NQ	N3B-2019-1804	CASA-19-175185	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.62	—	200	2.75*[f]	µg/L	—	0.6	Y	—	NQ	N3B-2019-1804	CASA-19-175188	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.471	—	10	0.748*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2019-1804	CASA-19-175185	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.471	—	10	0.748*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2019-1804	CASA-19-175188	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.398	—	13.8	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-1804	CASA-19-175185	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.411	—	13.8	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-1804	CASA-19-175188	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.95	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-1804	CASA-19-175185	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	3.28	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-1804	CASA-19-175188	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1804	CASA-19-175185	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1804	CASA-19-175188	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.5	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-1804	CASA-19-175185	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	72.5	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-1804	CASA-19-175188	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-1804	CASA-19-175185	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-1804	CASA-19-175188	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	13.8	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-1804	CASA-19-175185	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	15.1	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-1804	CASA-19-175188	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	237.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-1804	CASA-19-175185	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	240.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-1804	CASA-19-175188	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	137.0	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1804	CASA-19-175185	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	151.0	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1804	CASA-19-175188	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.33	—	600	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-1804	CASA-19-175185	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.35	—	600	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-1804	CASA-19-175188	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1804	CASA-19-175188	GELC
R-35a	1013.1	05/07/2019	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1804	CASA-19-175189	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1804	CASA-19-175185	GELC
R-35a	1013.1	05/07/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1804	CASA-19-175186	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-1804	CASA-19-175185	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-1804	CASA-19-175188	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	12000	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2019-1804	CASA-19-175185	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	12000	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2019-1804	CASA-19-175188	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	209.0	—	1000	159*[f]	mg/L	—	3.4	Y	—	J+	N3B-2019-1804	CASA-19-175185	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	177.0	—	1000	159*[f]	mg/L	—	3.4	Y	—	J+	N3B-2019-1804	CASA-19-175188	GELC
R-35a	1013.1	05/07/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0516	—	—	0.165*[f]	mg/L	—	0.033	Y	J	J	N3B-2019-1804	CASA-19-175186	GELC
R-35a	1013.1	05/07/2019	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0699	—	—	0.165*[f]	mg/L	—	0.033	Y	J	J	N3B-2019-1804	CASA-19-175189	GELC
R-35a	1013.1	05/07/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2019-1804	CASA-19-175186	GELC
R-35a	1013.1	05/07/2019	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2019-1804	CASA-19-175189	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	—	0.0822*[f]	mg/L	—	0.02	Y	U	U	N3B-2019-1804	CASA-19-175185	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	—	0.0822*[f]	mg/L	—	0.02	Y	U	U	N3B-2019-1804	CASA-19-175188	GELC
R-35a	1013.1	05/07/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.811	0.872	20000	2.06*[f]	pCi/L	2.971	—	Y	UQ	U	N3B-2019-1829	CASA-19-175186	ARSL
R-35a	1013.1	05/07/2019	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-1.052	0.856	20000	2.06*[f]	pCi/L	2.909	—	Y	UQ	U	N3B-2019-1829	CASA-19-175189	ARSL
R-35a	1013.1	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.562	—	30	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-1804	CASA-19-175185	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.569	—	30	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-1804	CASA-19-175188	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	14.1	—	63.1	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1804	CASA-19-175185	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	15.2	—	63.1	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1804	CASA-19-175188	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	10000	14.4*[f]	µg/L	—	3.3	Y	U	U	N3B-2019-1804	CASA-19-175185	GELC

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Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-35a	1013.1	05/07/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	10000	14.4*f	µg/L	—	3.3	Y	U	U	N3B-2019-1804	CASA-19-175188	GELC
R-35a	1013.1	04/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.17	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-1398	CASA-19-174803	GELC
R-35a	1013.1	04/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-1398	CASA-19-174803	GELC
R-35a	1013.1	04/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	110.0	—	—	69.92*f	mg/L	—	1.45	Y	—	NQ	N3B-2019-1398	CASA-19-174803	GELC
R-35a	1013.1	04/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	—	68*f	µg/L	—	68.0	Y	U	U	N3B-2019-1398	CASA-19-174803	GELC
R-35a	1013.1	04/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0244	—	—	0.1*f	mg/L	—	0.017	Y	J	U	N3B-2019-1398	CASA-19-174803	GELC
R-35a	1013.1	04/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	—	1*f	µg/L	—	1.0	Y	U	U	N3B-2019-1398	CASA-19-174803	GELC
R-35a	1013.1	04/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.53	—	—	2.7*f	µg/L	—	2.0	Y	J	J	N3B-2019-1398	CASA-19-174803	GELC
R-35a	1013.1	04/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	332.0	—	—	37.4*f	µg/L	—	1.0	Y	—	NQ	N3B-2019-1398	CASA-19-174803	GELC
R-35a	1013.1	04/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	—	1*f	µg/L	—	1.0	Y	U	U	N3B-2019-1398	CASA-19-174803	GELC
R-35a	1013.1	04/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	35.8	—	—	18.7*f	µg/L	—	15.0	Y	J	J	N3B-2019-1398	CASA-19-174803	GELC
R-35a	1013.1	04/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*f	mg/L	—	0.067	Y	U	U	N3B-2019-1398	CASA-19-174803	GELC
R-35a	1013.1	04/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	—	0.11*f	µg/L	—	0.3	Y	U	U	N3B-2019-1398	CASA-19-174803	GELC
R-35a	1013.1	04/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	20.7	—	—	14.5*f	mg/L	—	0.05	Y	—	NQ	N3B-2019-1398	CASA-19-174803	GELC
R-35a	1013.1	04/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.34	—	—	2.61*f	mg/L	—	0.067	Y	—	NQ	N3B-2019-1398	CASA-19-174803	GELC
R-35a	1013.1	04/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.54	—	—	6.6*f	µg/L	—	3.0	Y	J	J	N3B-2019-1398	CASA-19-174803	GELC
R-35a	1013.1	04/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	—	1*f	µg/L	—	1.0	Y	U	U	N3B-2019-1398	CASA-19-174803	GELC
R-35a	1013.1	04/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	—	3*f	µg/L	—	3.0	Y	U	U	N3B-2019-1398	CASA-19-174803	GELC
R-35a	1013.1	04/16/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.0017*f	mg/L	—	0.00167	Y	U	U	N3B-2019-1398	CASA-19-174802	GELC
R-35a	1013.1	04/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.298	—	—	0.382*f	mg/L	—	0.033	Y	—	NQ	N3B-2019-1398	CASA-19-174803	GELC
R-35a	1013.1	04/16/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	73.4	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-1398	CASA-19-174803	GELC
R-35a	1013.1	04/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	—	53.8*f	µg/L	—	30.0	Y	U	U	N3B-2019-1398	CASA-19-174803	GELC
R-35a	1013.1	04/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	—	0.5*f	µg/L	—	0.5	Y	U	U	N3B-2019-1398	CASA-19-174803	GELC
R-35a	1013.1	04/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.3	—	—	4.11*f	mg/L	—	0.11	Y	—	NQ	N3B-2019-1398	CASA-19-174803	GELC
R-35a	1013.1	04/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	—	12.1*f	µg/L	—	2.0	Y	U	U	N3B-2019-1398	CASA-19-174803	GELC
R-35a	1013.1	04/16/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*f	µg/L	—	0.067	Y	U	U	N3B-2019-1398	CASA-19-174802	GELC
R-35a	1013.1	04/16/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*f	µg/L	—	0.067	Y	U	U	N3B-2019-1398	CASA-19-174803	GELC
R-35a	1013.1	04/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.02	—	—	2.37*f	µg/L	—	0.2	Y	—	NQ	N3B-2019-1398	CASA-19-174803	GELC
R-35a	1013.1	04/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	3.46	—	—	2.75*f	µg/L	—	0.6	Y	—	NQ	N3B-2019-1398	CASA-19-174803	GELC
R-35a	1013.1	04/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.442	—	—	0.748*f	mg/L	—	0.017	Y	—	NQ	N3B-2019-1398	CASA-19-174803	GELC
R-35a	1013.1	04/16/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.39	—	—	0.412*f	µg/L	—	0.05	Y	—	NQ	N3B-2019-1398	CASA-19-174803	GELC
R-35a	1013.1	04/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.61	—	—	2.357*f	mg/L	—	0.05	Y	—	NQ	N3B-2019-1398	CASA-19-174803	GELC
R-35a	1013.1	04/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	—	1.5*f	µg/L	—	2.0	Y	U	U	N3B-2019-1398	CASA-19-174803	GELC
R-35a	1013.1	04/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	77.4	—	—	80.7*f	mg/L	—	0.053	Y	—	NQ	N3B-2019-1398	CASA-19-174803	GELC
R-35a	1013.1	04/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	—	0.2*f	µg/L	—	0.3	Y	U	U	N3B-2019-1398	CASA-19-174803	GELC
R-35a	1013.1	04/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	15.7	—	—	15.3*f	mg/L	—	0.1	Y	—	NQ	N3B-2019-1398	CASA-19-174803	GELC
R-35a	1013.1	04/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	242.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-1398	CASA-19-174803	GELC
R-35a	1013.1	04/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	158.0	—	—	74.4*f	µg/L	—	1.0	Y	—	NQ	N3B-2019-1398	CASA-19-174803	GELC
R-35a	1013.1	04/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.45	—	—	4.51*f	mg/L	—	0.133	Y	—	NQ	N3B-2019-1398	CASA-19-174803	GELC
R-35a	1013.1	04/16/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1398	CASA-19-174802	GELC
R-35a	1013.1	04/16/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1398	CASA-19-174803	GELC
R-35a	1013.1	04/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	—	0.45*f	µg/L	—	0.6	Y	U	U	N3B-2019-1398	CASA-19-174803	GELC
R-35a	1013.1	04/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	13*f	µg/L	—	2.5	Y	U	U	N3B-2019-1398	CASA-19-174803	GELC
R-35a	1013.1	04/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	209.0	—	—	159*f	mg/L	—	3.4	Y	—	J+	N3B-2019-1398	CASA-19-174803	GELC
R-35a	1013.1	04/16/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.165*f	mg/L	—	0.033	Y	U	U	N3B-2019-1398	CASA-19-174802	GELC
R-35a	1013.1	04/16/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.982*f	mg/L	—	0.33	Y	U	U	N3B-2019-1398	CASA-19-174802	GELC
R-35a	1013.1	04/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0461	—	—	0.0822*f	mg/L	—	0.02	Y	J	J	N3B-2019-1398	CASA-19-174803	GELC
R-35a	1013.1	04/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.608	—	—	1.06*f	µg/L	—	0.067	Y	—	J+	N3B-2019-1398	CASA-19-174803	GELC
R-35a	1013.1	04/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	15.8	—	—	10.7*f	µg/L	—	1.0	Y	—	NQ	N3B-2019-1398	CASA-19-174803	GELC
R-35a	1013.1	04/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	14.4*f	µg/L	—	3.3	Y	U	U	N3B-2019-1398	CASA-19-174803	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.05	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-1209	CASA-19-167688	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.19	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-1209	CASA-19-167691	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-1209	CASA-19-167688	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-1209	CASA-19-167691	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	108.0	—	—	69.92*f	mg/L	—	1.45	Y	—	NQ	N3B-2019-1209	CASA-19-167688	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	108.0	—	—	69.92*f	mg/L	—	1.45	Y	—	NQ	N3B-2019-1209	CASA-19-167691	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	—	68*f	µg/L	—	68.0	Y	U	U	N3B-2019-1209	CASA-19-167688	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	—	68*f	µg/L	—	68.0	Y	U	U	N3B-2019-1209	CASA-19-167691	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0311	—	—	0.1*f	mg/L	—	0.017	Y	J	J	N3B-2019-1209	CASA-19-167688	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0207	—	—	0.1*f	mg/L	—	0.017	Y	J	J	N3B-2019-1209	CASA-19-167691	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	—	1*f	µg/L	—	1.0	Y	U	U	N3B-2019-1209	CASA-19-167688	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	—	1*f	µg/L	—	1.0	Y	U	U	N3B-2019-1209	CASA-19-167691	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-35a	1013.1	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.99	—	—	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-1209	CASA-19-167688	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	Y	3.03	—	—	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-1209	CASA-19-167691	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	352.0	—	—	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1209	CASA-19-167688	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	359.0	—	—	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1209	CASA-19-167691	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1209	CASA-19-167688	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1209	CASA-19-167691	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	40.9	—	—	18.7*[f]	µg/L	—	15.0	Y	J	U	N3B-2019-1209	CASA-19-167688	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	N	41.2	—	—	18.7*[f]	µg/L	—	15.0	Y	J	U	N3B-2019-1209	CASA-19-167691	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-1209	CASA-19-167688	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-1209	CASA-19-167691	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	—	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-1209	CASA-19-167688	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	—	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-1209	CASA-19-167691	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	22.9	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-1209	CASA-19-167688	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	23.0	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-1209	CASA-19-167691	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.67	—	—	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-1209	CASA-19-167688	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.8	—	—	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-1209	CASA-19-167691	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.19	—	—	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-1209	CASA-19-167688	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.09	—	—	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-1209	CASA-19-167691	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	Y	2.16	—	—	1*[f]	µg/L	—	1.0	Y	J	J	N3B-2019-1209	CASA-19-167688	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Cobalt	Co	Y	1.55	—	—	1*[f]	µg/L	—	1.0	Y	J	J	N3B-2019-1209	CASA-19-167691	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	—	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-1209	CASA-19-167688	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	—	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-1209	CASA-19-167691	GELC
R-35a	1013.1	03/20/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-1209	CASA-19-167689	GELC
R-35a	1013.1	03/20/2019	WG	UF	INIT	FD	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-1209	CASA-19-167692	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.271	—	—	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-1209	CASA-19-167688	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.278	—	—	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-1209	CASA-19-167691	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	80.6	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-1209	CASA-19-167688	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	81.7	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-1209	CASA-19-167691	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	—	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-1209	CASA-19-167688	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	—	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-1209	CASA-19-167691	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	—	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-1209	CASA-19-167688	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	—	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-1209	CASA-19-167691	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.7	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-1209	CASA-19-167688	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.88	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-1209	CASA-19-167691	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	—	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1209	CASA-19-167688	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	—	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1209	CASA-19-167691	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-1209	CASA-19-167688	GELC
R-35a	1013.1	03/20/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-1209	CASA-19-167689	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	FD	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-1209	CASA-19-167691	GELC
R-35a	1013.1	03/20/2019	WG	UF	INIT	FD	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-1209	CASA-19-167692	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.988	—	—	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-1209	CASA-19-167688	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.952	—	—	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-1209	CASA-19-167691	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	4.03	—	—	2.75*[f]	µg/L	—	0.6	Y	—	NQ	N3B-2019-1209	CASA-19-167688	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	4.25	—	—	2.75*[f]	µg/L	—	0.6	Y	—	NQ	N3B-2019-1209	CASA-19-167691	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.446	—	—	0.748*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2019-1209	CASA-19-167688	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.448	—	—	0.748*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2019-1209	CASA-19-167691	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.401	—	—	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-1209	CASA-19-167688	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.385	—	—	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-1209	CASA-19-167691	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.82	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-1209	CASA-19-167688	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	3.86	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-1209	CASA-19-167691	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	—	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1209	CASA-19-167688	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	—	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1209	CASA-19-167691	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	83.7	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-1209	CASA-19-167688	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	85.0	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-1209	CASA-19-167691	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	—	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-1209	CASA-19-167688	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	—	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-1209	CASA-19-167691	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	17.6	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-1209	CASA-19-167688	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	17.9	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-1209	CASA-19-167691	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	240.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-1209	CASA-19-167688	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	243.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-1209	CASA-19-167691	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	165.0	—	—	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1209	CASA-19-167688	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	169.0	—	—	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1209	CASA-19-167691	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-35a	1013.1	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.23	—	—	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-1209	CASA-19-167688	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.21	—	—	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-1209	CASA-19-167691	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1209	CASA-19-167688	GELC
R-35a	1013.1	03/20/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1209	CASA-19-167689	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1209	CASA-19-167691	GELC
R-35a	1013.1	03/20/2019	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1209	CASA-19-167692	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	—	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-1209	CASA-19-167688	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	—	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-1209	CASA-19-167691	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2019-1209	CASA-19-167688	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2019-1209	CASA-19-167691	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	203.0	—	—	159*[f]	mg/L	—	3.4	Y	—	J+	N3B-2019-1209	CASA-19-167688	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	199.0	—	—	159*[f]	mg/L	—	3.4	Y	—	J+	N3B-2019-1209	CASA-19-167691	GELC
R-35a	1013.1	03/20/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.119	—	—	0.165*[f]	mg/L	—	0.033	Y	—	U	N3B-2019-1209	CASA-19-167689	GELC
R-35a	1013.1	03/20/2019	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0756	—	—	0.165*[f]	mg/L	—	0.033	Y	J	U	N3B-2019-1209	CASA-19-167692	GELC
R-35a	1013.1	03/20/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2019-1209	CASA-19-167689	GELC
R-35a	1013.1	03/20/2019	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2019-1209	CASA-19-167692	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0494	—	—	0.0822*[f]	mg/L	—	0.02	Y	J	J	N3B-2019-1209	CASA-19-167688	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0502	—	—	0.0822*[f]	mg/L	—	0.02	Y	—	NQ	N3B-2019-1209	CASA-19-167691	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.617	—	—	1.06*[f]	µg/L	—	0.067	Y	—	J+	N3B-2019-1209	CASA-19-167688	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	1.42	—	—	1.06*[f]	µg/L	—	0.067	Y	—	J+	N3B-2019-1209	CASA-19-167691	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	15.7	—	—	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1209	CASA-19-167688	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	15.4	—	—	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1209	CASA-19-167691	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	14.4*[f]	µg/L	—	3.3	Y	U	U	N3B-2019-1209	CASA-19-167688	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	14.4*[f]	µg/L	—	3.3	Y	U	U	N3B-2019-1209	CASA-19-167691	GELC
R-35a	1013.1	02/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.14	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-933	CASA-19-166440	GELC
R-35a	1013.1	02/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-933	CASA-19-166440	GELC
R-35a	1013.1	02/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	108.0	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-933	CASA-19-166440	GELC
R-35a	1013.1	02/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	—	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-933	CASA-19-166440	GELC
R-35a	1013.1	02/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0381	—	—	0.1*[f]	mg/L	—	0.017	Y	J	U	N3B-2019-933	CASA-19-166440	GELC
R-35a	1013.1	02/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-933	CASA-19-166440	GELC
R-35a	1013.1	02/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.82	—	—	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-933	CASA-19-166440	GELC
R-35a	1013.1	02/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	348.0	—	—	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-933	CASA-19-166440	GELC
R-35a	1013.1	02/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-933	CASA-19-166440	GELC
R-35a	1013.1	02/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	37.2	—	—	18.7*[f]	µg/L	—	15.0	Y	J	J	N3B-2019-933	CASA-19-166440	GELC
R-35a	1013.1	02/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0787	—	—	0.067*[f]	mg/L	—	0.067	Y	J	J	N3B-2019-933	CASA-19-166440	GELC
R-35a	1013.1	02/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	—	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-933	CASA-19-166440	GELC
R-35a	1013.1	02/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	22.3	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-933	CASA-19-166440	GELC
R-35a	1013.1	02/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.42	—	—	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-933	CASA-19-166440	GELC
R-35a	1013.1	02/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.37	—	—	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-933	CASA-19-166440	GELC
R-35a	1013.1	02/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-933	CASA-19-166440	GELC
R-35a	1013.1	02/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	—	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-933	CASA-19-166440	GELC
R-35a	1013.1	02/15/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-933	CASA-19-166441	GELC
R-35a	1013.1	02/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.303	—	—	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-933	CASA-19-166440	GELC
R-35a	1013.1	02/15/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	78.4	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-933	CASA-19-166440	GELC
R-35a	1013.1	02/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	—	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-933	CASA-19-166440	GELC
R-35a	1013.1	02/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	—	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-933	CASA-19-166440	GELC
R-35a	1013.1	02/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.51	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-933	CASA-19-166440	GELC
R-35a	1013.1	02/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	—	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-933	CASA-19-166440	GELC
R-35a	1013.1	02/15/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-933	CASA-19-166440	GELC
R-35a	1013.1	02/15/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-933	CASA-19-166441	GELC
R-35a	1013.1	02/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.07	—	—	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-933	CASA-19-166440	GELC
R-35a	1013.1	02/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	8.6	—	—	2.75*[f]	µg/L	—	0.6	Y	—	NQ	N3B-2019-933	CASA-19-166440	GELC
R-35a	1013.1	02/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.452	—	—	0.748*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2019-933	CASA-19-166440	GELC
R-35a	1013.1	02/15/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.408	—	—	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-933	CASA-19-166440	GELC
R-35a	1013.1	02/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.79	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-933	CASA-19-166440	GELC
R-35a	1013.1	02/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	—	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-933	CASA-19-166440	GELC
R-35a	1013.1	02/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	81.2	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-933	CASA-19-166440	GELC
R-35a	1013.1	02/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	—	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-933	CASA-19-166440	GELC
R-35a	1013.1	02/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	17.1	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-933	CASA-19-166440	GELC
R-35a	1013.1	02/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	238.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-933	CASA-19-166440	GELC
R-35a	1013.1	02/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	163.0	—	—	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-933	CASA-19-166440	GELC
R-35a	1013.1	02/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.45	—	—	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-933	CASA-19-166440	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-35a	1013.1	02/15/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-933	CASA-19-166440	GELC
R-35a	1013.1	02/15/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-933	CASA-19-166441	GELC
R-35a	1013.1	02/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	—	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-933	CASA-19-166440	GELC
R-35a	1013.1	02/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2019-933	CASA-19-166440	GELC
R-35a	1013.1	02/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	136.0	—	—	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-933	CASA-19-166440	GELC
R-35a	1013.1	02/15/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.165*[f]	mg/L	—	0.033	Y	U	U	N3B-2019-933	CASA-19-166441	GELC
R-35a	1013.1	02/15/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2019-933	CASA-19-166441	GELC
R-35a	1013.1	02/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0238	—	—	0.0822*[f]	mg/L	—	0.02	Y	J	J	N3B-2019-933	CASA-19-166440	GELC
R-35a	1013.1	02/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.582	—	—	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-933	CASA-19-166440	GELC
R-35a	1013.1	02/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	15.4	—	—	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-933	CASA-19-166440	GELC
R-35a	1013.1	02/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	14.4*[f]	µg/L	—	3.3	Y	U	U	N3B-2019-933	CASA-19-166440	GELC
R-35a	1013.1	01/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.11	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-772	CASA-19-166013	GELC
R-35a	1013.1	01/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-772	CASA-19-166013	GELC
R-35a	1013.1	01/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	109.0	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-772	CASA-19-166013	GELC
R-35a	1013.1	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-772	CASA-19-166013	GELC
R-35a	1013.1	01/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.1*[f]	mg/L	—	0.017	Y	U	U	N3B-2019-772	CASA-19-166013	GELC
R-35a	1013.1	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-772	CASA-19-166013	GELC
R-35a	1013.1	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.6	—	10	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-772	CASA-19-166013	GELC
R-35a	1013.1	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	349.0	—	2000	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-772	CASA-19-166013	GELC
R-35a	1013.1	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-772	CASA-19-166013	GELC
R-35a	1013.1	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	41.1	—	750	18.7*[f]	µg/L	—	15.0	Y	J	J	N3B-2019-772	CASA-19-166013	GELC
R-35a	1013.1	01/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-772	CASA-19-166013	GELC
R-35a	1013.1	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-772	CASA-19-166013	GELC
R-35a	1013.1	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	22.1	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-772	CASA-19-166013	GELC
R-35a	1013.1	01/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.42	—	250	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-772	CASA-19-166013	GELC
R-35a	1013.1	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.39	—	50	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-772	CASA-19-166013	GELC
R-35a	1013.1	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-772	CASA-19-166013	GELC
R-35a	1013.1	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-772	CASA-19-166013	GELC
R-35a	1013.1	01/16/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-772	CASA-19-166014	GELC
R-35a	1013.1	01/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.337	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-772	CASA-19-166013	GELC
R-35a	1013.1	01/16/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	78.2	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-772	CASA-19-166013	GELC
R-35a	1013.1	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-772	CASA-19-166013	GELC
R-35a	1013.1	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-772	CASA-19-166013	GELC
R-35a	1013.1	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.6	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-772	CASA-19-166013	GELC
R-35a	1013.1	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-772	CASA-19-166013	GELC
R-35a	1013.1	01/16/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-772	CASA-19-166013	GELC
R-35a	1013.1	01/16/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-772	CASA-19-166014	GELC
R-35a	1013.1	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.98	—	1000	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-772	CASA-19-166013	GELC
R-35a	1013.1	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	4.02	—	200	2.75*[f]	µg/L	—	0.6	Y	—	NQ	N3B-2019-772	CASA-19-166013	GELC
R-35a	1013.1	01/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.425	—	10	0.748*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2019-772	CASA-19-166013	GELC
R-35a	1013.1	01/16/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.475	—	13.8	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-772	CASA-19-166013	GELC
R-35a	1013.1	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.66	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-772	CASA-19-166013	GELC
R-35a	1013.1	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-772	CASA-19-166013	GELC
R-35a	1013.1	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	81.2	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-772	CASA-19-166013	GELC
R-35a	1013.1	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-772	CASA-19-166013	GELC
R-35a	1013.1	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	16.6	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-772	CASA-19-166013	GELC
R-35a	1013.1	01/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	237.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-772	CASA-19-166013	GELC
R-35a	1013.1	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	161.0	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-772	CASA-19-166013	GELC
R-35a	1013.1	01/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.44	—	600	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-772	CASA-19-166013	GELC
R-35a	1013.1	01/16/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-772	CASA-19-166013	GELC
R-35a	1013.1	01/16/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-772	CASA-19-166014	GELC
R-35a	1013.1	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-772	CASA-19-166013	GELC
R-35a	1013.1	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	12000	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2019-772	CASA-19-166013	GELC
R-35a	1013.1	01/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	223.0	—	1000	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-772	CASA-19-166013	GELC
R-35a	1013.1	01/16/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.165*[f]	mg/L	—	0.033	Y	U	U	N3B-2019-772	CASA-19-166014	GELC
R-35a	1013.1	01/16/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2019-772	CASA-19-166014	GELC
R-35a	1013.1	01/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0306	—	—	0.0822*[f]	mg/L	—	0.02	Y	J	U	N3B-2019-772	CASA-19-166013	GELC
R-35a	1013.1	01/16/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.038	0.926	20000	2.06*[f]	pCi/L	3.03	—	Y	U	U	N3B-2019-773	CASA-19-166014	ARSL
R-35a	1013.1	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.592	—	30	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-772	CASA-19-166013	GELC
R-35a	1013.1	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	16.1	—	63.1	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-772	CASA-19-166013	GELC
R-35a	1013.1	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	3.9	—	10000	14.4*[f]	µg/L	—	3.3	Y	J	J	N3B-2019-772	CASA-19-166013	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.304	—	535	—	µg/L	—	0.304	Y	U	U	N3B-2020-372	CASA-20-189214	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.304	—	—	—	µg/L	—	0.304	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	14100	—	µg/L	—	1.5	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.06	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	75.9	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0000000106	0.0165	—	0.0167*[f]	pCi/L	0.0415	—	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.1*[f]	mg/L	—	0.017	Y	U	UJ	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.25	—	130	—	µg/L	—	4.25	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.304	—	1720	—	µg/L	—	0.304	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	3.39	—	10	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	3.04	—	3	—	µg/L	—	3.04	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Azobenzene	103-33-3	N	3.04	—	1.2	—	µg/L	—	3.04	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	36.5	—	2000	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	3.95	—	0.00109	—	µg/L	—	3.95	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.304	—	0.12	—	µg/L	—	0.304	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.304	—	0.2	—	µg/L	—	0.304	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.304	—	0.343	—	µg/L	—	0.304	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.304	—	—	—	µg/L	—	0.304	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.304	—	3.43	—	µg/L	—	0.304	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.07	—	75000	—	µg/L	—	6.07	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	3.04	—	2000	—	µg/L	—	3.04	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	3.04	—	59	—	µg/L	—	3.04	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	3.04	—	0.137	—	µg/L	—	3.04	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.304	—	6	—	µg/L	—	0.304	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	22.9	—	750	18.7*[f]	µg/L	—	15.0	Y	J	J	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	1.34	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	3.04	—	—	—	µg/L	—	3.04	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.304	—	160	—	µg/L	—	0.304	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16.1	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.37	0.999	—	2.93*[f]	pCi/L	3.34	—	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.93	—	250	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	3.04	—	1400	—	µg/L	—	3.04	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.34	—	3.7	—	µg/L	—	3.34	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	1.68	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.415	—	733	—	µg/L	—	0.415	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	3.04	—	91	—	µg/L	—	3.04	Y	U	U	N3B-2020-372	CASA-20-189214	GELC

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Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.04	—	—	—	µg/L	—	3.04	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	5.27	—	50	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.304	—	34.3	—	µg/L	—	0.304	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.582	0.888	—	2.65*[f]	pCi/L	3.29	—	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.304	—	0.0343	—	µg/L	—	0.304	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	3.04	—	7.9	—	µg/L	—	3.04	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	3.04	—	600	—	µg/L	—	3.04	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.04	—	—	—	µg/L	—	3.04	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	3.04	—	75	—	µg/L	—	3.04	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	3.04	—	1.25	—	µg/L	—	3.04	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	3.04	—	45.3	—	µg/L	—	3.04	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.304	—	14800	—	µg/L	—	0.304	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.304	—	612	—	µg/L	—	0.304	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	3.04	—	354	—	µg/L	—	3.04	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.304	—	885	—	µg/L	—	0.304	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.04	—	1.52	—	µg/L	—	3.04	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	5.06	—	38.7	—	µg/L	—	5.06	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	3.04	—	2.37	—	µg/L	—	3.04	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	3.04	—	0.485	—	µg/L	—	3.04	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.304	—	200	—	µg/L	—	0.304	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	3.04	—	7	—	µg/L	—	3.04	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.04	—	4.59	—	µg/L	—	3.04	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	—	4.59	—	µg/L	—	0.1	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	3.04	—	122	—	µg/L	—	3.04	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.304	—	802	—	µg/L	—	0.304	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.304	—	288	—	µg/L	—	0.304	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.564	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.846	0.783	15	2.012*[f]	pCi/L	2.83	—	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.48	0.459	—	3.81*[f]	pCi/L	1.38	—	Y	—	NQ	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	59.3	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	3.04	—	1	—	µg/L	—	3.04	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	3.04	—	1.39	—	µg/L	—	3.04	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	3.04	—	50	—	µg/L	—	3.04	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	3.04	—	3.28	—	µg/L	—	3.04	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2020-372	CASA-20-189214	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.304	—	0.343	—	µg/L	—	0.304	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.54	—	781	—	µg/L	—	3.54	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.66	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	Y	0.133	—	2	0.067*[f]	µg/L	—	0.067	Y	J	J	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	Y	0.153	—	2	0.067*[f]	µg/L	—	0.067	Y	J	J	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.304	—	11.4	—	µg/L	—	0.304	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.304	—	35.1	—	µg/L	—	0.304	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	3.04	—	930	—	µg/L	—	3.04	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.74	—	1900	—	µg/L	—	3.74	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.27	—	1000	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.304	—	1.65	—	µg/L	—	0.304	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.57	1.94	—	4.72*[f]	pCi/L	7.35	—	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	2.47	—	200	2.75*[f]	µg/L	—	0.6	Y	—	NQ	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.07	—	10	0.748*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	3.04	—	190	—	µg/L	—	3.04	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	3.04	—	—	—	µg/L	—	3.04	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	3.04	—	38	—	µg/L	—	3.04	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	3.04	—	1.4	—	µg/L	—	3.04	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	3.04	—	—	—	µg/L	—	3.04	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	3.04	—	—	—	µg/L	—	3.04	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	—	0.00167	—	µg/L	—	0.00018	Y	U	U	N3B-2020-377	CASA-20-189214	SwRI
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.04	—	0.00167	—	µg/L	—	3.04	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00036	—	0.00491	—	µg/L	—	0.00036	Y	U	U	N3B-2020-377	CASA-20-189214	SwRI
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.04	—	0.00491	—	µg/L	—	3.04	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.00047	—	0.0273	—	µg/L	—	0.00047	Y	U	UJ	N3B-2020-377	CASA-20-189214	SwRI
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.04	—	0.0273	—	µg/L	—	3.04	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	—	0.11	—	µg/L	—	0.00018	Y	U	U	N3B-2020-377	CASA-20-189214	SwRI
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.04	—	0.11	—	µg/L	—	3.04	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	—	0.37	—	µg/L	—	0.00033	Y	U	U	N3B-2020-377	CASA-20-189214	SwRI
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	3.04	—	0.37	—	µg/L	—	3.04	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.04	—	9.81	—	µg/L	—	3.04	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	3.04	—	3.07	—	µg/L	—	3.04	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	3.04	—	1	—	µg/L	—	3.04	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.578	—	13.8	0.412*[f]	µg/L	—	0.05	Y	—	J	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.596	—	70	—	ng/L	—	0.596	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.722	—	70	—	ng/L	—	0.722	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.722	—	70	—	ng/L	—	0.722	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.304	—	170	—	µg/L	—	0.304	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	3.04	—	5	—	µg/L	—	3.04	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.022	0.0169	—	0.00994*[f]	pCi/L	0.0534	—	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0	0.0194	—	0.0171*[f]	pCi/L	0.0428	—	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.13	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	12.4	13.8	—	35.6*[f]	pCi/L	24.1	—	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.04	—	250	2.06*[f]	µg/L	—	3.04	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.304	—	117	—	µg/L	—	0.304	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	3.04	—	20	—	µg/L	—	3.04	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.202	0.0744	5	—	pCi/L	0.172	—	Y	—	NQ	N3B-2020-372	CASA-20-189214	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.366	0.182	5	—	pCi/L	—	—	Y	—	NQ	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.164	0.166	5	—	pCi/L	0.574	—	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.3	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.8	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.161	0.906	—	1.93*[f]	pCi/L	3.36	—	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	153.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	66.8	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.199	0.146	8	0.355*[f]	pCi/L	0.485	—	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.65	—	600	4.51*[f]	mg/L	—	0.133	Y	—	J+	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.04	—	20	2.06*[f]	µg/L	—	3.04	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.04	—	1.66	—	µg/L	—	3.04	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.04	—	240	—	µg/L	—	3.04	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	12000	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	176.0	—	1000	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.165*[f]	mg/L	—	0.033	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Total PFAS	PFAS-Tot-3a	N	0.0	—	70	—	ng/L	—	1.81	—	U	—	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	—	0.0822*[f]	mg/L	—	0.02	Y	U	U	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	3.04	—	70	—	µg/L	—	3.04	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	3.04	—	1170	—	µg/L	—	3.04	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	3.04	—	11.9	—	µg/L	—	3.04	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	2.091	0.953	20000	2.06*[f]	pCi/L	2.92	—	Y	U	U	N3B-2020-398	CASA-20-189214	ARSL
R-35b	825.4	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.288	—	30	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.205	0.0325	27.2	0.653*[f]	pCi/L	0.0892	—	Y	—	NQ	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0142	0.0121	28.8	0.0423*[f]	pCi/L	0.0643	—	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.11	0.0231	30	0.322*[f]	pCi/L	0.104	—	Y	—	NQ	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	12.5	—	63.1	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	6.62	—	10000	14.4*[f]	µg/L	—	3.3	Y	J	J	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.91	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	74.3	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Aluminum	Al	N	19.3	—	—	68*[f]	µg/L	—	19.3	Y	U	U	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0329	—	—	0.1*[f]	mg/L	—	0.017	Y	J	J	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	3.82	—	—	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	37.3	—	—	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Beryllium	Be	N	0.2	—	—	1*[f]	µg/L	—	0.2	Y	U	U	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	21.5	—	—	18.7*[f]	µg/L	—	15.0	Y	J	J	N3B-2019-3294	CASA-19-186508	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-35b	825.4	09/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	—	—	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16.6	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.95	—	—	2.61*[f]	mg/L	—	0.067	Y	—	J+	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	5.22	—	—	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cobalt	Co	N	0.3	—	—	1*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Copper	Cu	N	0.3	—	—	3*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	09/16/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-3294	CASA-19-186507	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.577	—	—	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	61.5	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	—	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	—	—	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.85	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	—	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	09/16/2019	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-3294	CASA-19-186507	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.34	—	—	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	1.96	—	—	2.75*[f]	µg/L	—	0.6	Y	J	J	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.15	—	—	0.748*[f]	mg/L	—	0.085	Y	—	NQ	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.576	—	—	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.88	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	2.0	—	—	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.0	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	—	—	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.0	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	146.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	69.5	—	—	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.67	—	—	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	09/16/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-3294	CASA-19-186507	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	—	—	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	174.0	—	—	159*[f]	mg/L	—	3.4	Y	—	J+	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	09/16/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0717	—	—	0.165*[f]	mg/L	—	0.033	Y	J	U	N3B-2019-3294	CASA-19-186507	GELC
R-35b	825.4	09/16/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2019-3294	CASA-19-186507	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0838	—	—	0.0822*[f]	mg/L	—	0.02	Y	—	U	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.247	—	—	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Vanadium	V	N	20.5	—	—	10.7*[f]	µg/L	—	3.3	Y	—	U	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Zinc	Zn	Y	8.5	—	—	14.4*[f]	µg/L	—	3.3	Y	J	J	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.04	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-3009	CASA-19-184715	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.03	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-3009	CASA-19-184718	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-3009	CASA-19-184715	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-3009	CASA-19-184718	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	76.3	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-3009	CASA-19-184715	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	75.9	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-3009	CASA-19-184718	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	—	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-3009	CASA-19-184715	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	—	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-3009	CASA-19-184718	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0649	—	—	0.1*[f]	mg/L	—	0.017	Y	—	U	N3B-2019-3009	CASA-19-184715	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0503	—	—	0.1*[f]	mg/L	—	0.017	Y	—	U	N3B-2019-3009	CASA-19-184718	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-3009	CASA-19-184715	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-3009	CASA-19-184718	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.32	—	—	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-3009	CASA-19-184715	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	Y	3.17	—	—	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-3009	CASA-19-184718	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	35.6	—	—	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-3009	CASA-19-184715	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	36.0	—	—	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-3009	CASA-19-184718	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-3009	CASA-19-184715	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-3009	CASA-19-184718	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	21.4	—	—	18.7*[f]	µg/L	—	15.0	Y	J	J	N3B-2019-3009	CASA-19-184715	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	Y	21.7	—	—	18.7*[f]	µg/L	—	15.0	Y	J	J	N3B-2019-3009	CASA-19-184718	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-3009	CASA-19-184715	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-3009	CASA-19-184718	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	—	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-3009	CASA-19-184715	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-35b	825.4	08/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	—	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-3009	CASA-19-184718	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	15.8	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-3009	CASA-19-184715	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	15.9	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-3009	CASA-19-184718	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.99	—	—	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-3009	CASA-19-184715	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.99	—	—	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-3009	CASA-19-184718	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.96	—	—	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-3009	CASA-19-184715	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.27	—	—	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-3009	CASA-19-184718	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-3009	CASA-19-184715	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-3009	CASA-19-184718	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	—	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-3009	CASA-19-184715	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	—	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-3009	CASA-19-184718	GELC
R-35b	825.4	08/14/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-3009	CASA-19-184716	GELC
R-35b	825.4	08/14/2019	WG	UF	INIT	FD	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-3009	CASA-19-184719	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.767	—	—	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-3009	CASA-19-184715	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.766	—	—	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-3009	CASA-19-184718	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	58.6	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-3009	CASA-19-184715	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	59.1	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-3009	CASA-19-184718	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	—	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-3009	CASA-19-184715	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	—	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-3009	CASA-19-184718	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	—	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-3009	CASA-19-184715	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	—	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-3009	CASA-19-184718	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.64	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-3009	CASA-19-184715	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.72	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-3009	CASA-19-184718	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	—	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-3009	CASA-19-184715	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	—	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-3009	CASA-19-184718	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-3009	CASA-19-184715	GELC
R-35b	825.4	08/14/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-3009	CASA-19-184716	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	FD	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-3009	CASA-19-184718	GELC
R-35b	825.4	08/14/2019	WG	UF	INIT	FD	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-3009	CASA-19-184719	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.34	—	—	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-3009	CASA-19-184715	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.3	—	—	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-3009	CASA-19-184718	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.08	—	—	2.75*[f]	µg/L	—	0.6	Y	—	NQ	N3B-2019-3009	CASA-19-184715	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.22	—	—	2.75*[f]	µg/L	—	0.6	Y	—	NQ	N3B-2019-3009	CASA-19-184718	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.11	—	—	0.748*[f]	mg/L	—	0.085	Y	—	NQ	N3B-2019-3009	CASA-19-184715	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.12	—	—	0.748*[f]	mg/L	—	0.085	Y	—	NQ	N3B-2019-3009	CASA-19-184718	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.562	—	—	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-3009	CASA-19-184715	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.582	—	—	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-3009	CASA-19-184718	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.93	—	—	2.357*[f]	mg/L	—	0.05	Y	—	J+	N3B-2019-3009	CASA-19-184715	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	1.93	—	—	2.357*[f]	mg/L	—	0.05	Y	—	J+	N3B-2019-3009	CASA-19-184718	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	—	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-3009	CASA-19-184715	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	—	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-3009	CASA-19-184718	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.2	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-3009	CASA-19-184715	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.3	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-3009	CASA-19-184718	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	—	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-3009	CASA-19-184715	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	—	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-3009	CASA-19-184718	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.6	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-3009	CASA-19-184715	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.7	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-3009	CASA-19-184718	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	146.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-3009	CASA-19-184715	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	146.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-3009	CASA-19-184718	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	64.5	—	—	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-3009	CASA-19-184715	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	64.6	—	—	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-3009	CASA-19-184718	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.64	—	—	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-3009	CASA-19-184715	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.67	—	—	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-3009	CASA-19-184718	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-3009	CASA-19-184715	GELC
R-35b	825.4	08/14/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-3009	CASA-19-184716	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-3009	CASA-19-184718	GELC
R-35b	825.4	08/14/2019	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-3009	CASA-19-184719	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	—	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-3009	CASA-19-184715	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	—	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-3009	CASA-19-184718	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2019-3009	CASA-19-184715	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2019-3009	CASA-19-184718	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	143.0	—	—	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-3009	CASA-19-184715	GELC

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Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-35b	825.4	08/14/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	170.0	—	—	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-3009	CASA-19-184718	GELC
R-35b	825.4	08/14/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.165*[f]	mg/L	—	0.033	Y	U	U	N3B-2019-3009	CASA-19-184716	GELC
R-35b	825.4	08/14/2019	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.165*[f]	mg/L	—	0.033	Y	U	U	N3B-2019-3009	CASA-19-184719	GELC
R-35b	825.4	08/14/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2019-3009	CASA-19-184716	GELC
R-35b	825.4	08/14/2019	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2019-3009	CASA-19-184719	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0869	—	—	0.0822*[f]	mg/L	—	0.02	Y	—	NQ	N3B-2019-3009	CASA-19-184715	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.078	—	—	0.0822*[f]	mg/L	—	0.02	Y	—	NQ	N3B-2019-3009	CASA-19-184718	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.29	—	—	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-3009	CASA-19-184715	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.301	—	—	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-3009	CASA-19-184718	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	12.6	—	—	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-3009	CASA-19-184715	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	12.6	—	—	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-3009	CASA-19-184718	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	10.8	—	—	14.4*[f]	µg/L	—	3.3	Y	J	U	N3B-2019-3009	CASA-19-184715	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Zinc	Zn	N	10.6	—	—	14.4*[f]	µg/L	—	3.3	Y	J	U	N3B-2019-3009	CASA-19-184718	GELC
R-35b	825.4	07/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.01	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-2508	CASA-19-182704	GELC
R-35b	825.4	07/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-2508	CASA-19-182704	GELC
R-35b	825.4	07/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	74.9	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-2508	CASA-19-182704	GELC
R-35b	825.4	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-2508	CASA-19-182704	GELC
R-35b	825.4	07/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.1*[f]	mg/L	—	0.017	Y	U	U	N3B-2019-2508	CASA-19-182704	GELC
R-35b	825.4	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2508	CASA-19-182704	GELC
R-35b	825.4	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.49	—	10	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-2508	CASA-19-182704	GELC
R-35b	825.4	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	36.6	—	2000	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2508	CASA-19-182704	GELC
R-35b	825.4	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2508	CASA-19-182704	GELC
R-35b	825.4	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	22.4	—	750	18.7*[f]	µg/L	—	15.0	Y	J	J	N3B-2019-2508	CASA-19-182704	GELC
R-35b	825.4	07/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-2508	CASA-19-182704	GELC
R-35b	825.4	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-2508	CASA-19-182704	GELC
R-35b	825.4	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16.5	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-2508	CASA-19-182704	GELC
R-35b	825.4	07/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.91	—	250	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-2508	CASA-19-182704	GELC
R-35b	825.4	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.71	—	50	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-2508	CASA-19-182704	GELC
R-35b	825.4	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2508	CASA-19-182704	GELC
R-35b	825.4	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-2508	CASA-19-182704	GELC
R-35b	825.4	07/12/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-2508	CASA-19-182705	GELC
R-35b	825.4	07/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.777	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-2508	CASA-19-182704	GELC
R-35b	825.4	07/12/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	60.0	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-2508	CASA-19-182704	GELC
R-35b	825.4	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-2508	CASA-19-182704	GELC
R-35b	825.4	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-2508	CASA-19-182704	GELC
R-35b	825.4	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.56	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-2508	CASA-19-182704	GELC
R-35b	825.4	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2508	CASA-19-182704	GELC
R-35b	825.4	07/12/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	Y	0.092	—	2	0.067*[f]	µg/L	—	0.067	Y	J	J	N3B-2019-2508	CASA-19-182704	GELC
R-35b	825.4	07/12/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	Y	0.089	—	2	0.067*[f]	µg/L	—	0.067	Y	J	J	N3B-2019-2508	CASA-19-182705	GELC
R-35b	825.4	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.28	—	1000	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-2508	CASA-19-182704	GELC
R-35b	825.4	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.97	—	200	2.75*[f]	µg/L	—	0.6	Y	J	J	N3B-2019-2508	CASA-19-182704	GELC
R-35b	825.4	07/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.09	—	10	0.748*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2019-2508	CASA-19-182704	GELC
R-35b	825.4	07/12/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.558	—	13.8	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-2508	CASA-19-182704	GELC
R-35b	825.4	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.92	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-2508	CASA-19-182704	GELC
R-35b	825.4	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2508	CASA-19-182704	GELC
R-35b	825.4	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.8	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-2508	CASA-19-182704	GELC
R-35b	825.4	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-2508	CASA-19-182704	GELC
R-35b	825.4	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.8	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-2508	CASA-19-182704	GELC
R-35b	825.4	07/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	172.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-2508	CASA-19-182704	GELC
R-35b	825.4	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	67.9	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2508	CASA-19-182704	GELC
R-35b	825.4	07/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.59	—	600	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-2508	CASA-19-182704	GELC
R-35b	825.4	07/12/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2508	CASA-19-182704	GELC
R-35b	825.4	07/12/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2508	CASA-19-182705	GELC
R-35b	825.4	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-2508	CASA-19-182704	GELC
R-35b	825.4	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	12000	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2019-2508	CASA-19-182704	GELC
R-35b	825.4	07/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	154.0	—	1000	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-2508	CASA-19-182704	GELC
R-35b	825.4	07/12/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0574	—	—	0.165*[f]	mg/L	—	0.033	Y	J	U	N3B-2019-2508	CASA-19-182705	GELC
R-35b	825.4	07/12/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2019-2508	CASA-19-182705	GELC
R-35b	825.4	07/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0641	—	—	0.0822*[f]	mg/L	—	0.02	Y	—	NQ	N3B-2019-2508	CASA-19-182704	GELC
R-35b	825.4	07/12/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-1.455	0.942	20000	2.06*[f]	pCi/L	3.186	—	Y	U	U	N3B-2019-2583	CASA-19-182705	ARSL
R-35b	825.4	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.271	—	30	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-2508	CASA-19-182704	GELC
R-35b	825.4	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	12.8	—	63.1	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2508	CASA-19-182704	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-35b	825.4	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	8.02	—	10000	14.4*[f]	µg/L	—	3.3	Y	J	J	N3B-2019-2508	CASA-19-182704	GELC
R-35b	825.4	06/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.99	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-2198	CASA-19-181672	GELC
R-35b	825.4	06/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-2198	CASA-19-181672	GELC
R-35b	825.4	06/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	76.3	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-2198	CASA-19-181672	GELC
R-35b	825.4	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	—	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-2198	CASA-19-181672	GELC
R-35b	825.4	06/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0764	—	—	0.1*[f]	mg/L	—	0.017	Y	—	U	N3B-2019-2198	CASA-19-181672	GELC
R-35b	825.4	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2198	CASA-19-181672	GELC
R-35b	825.4	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.08	—	—	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-2198	CASA-19-181672	GELC
R-35b	825.4	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	37.2	—	—	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2198	CASA-19-181672	GELC
R-35b	825.4	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2198	CASA-19-181672	GELC
R-35b	825.4	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	22.9	—	—	18.7*[f]	µg/L	—	15.0	Y	J	J	N3B-2019-2198	CASA-19-181672	GELC
R-35b	825.4	06/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-2198	CASA-19-181672	GELC
R-35b	825.4	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	—	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-2198	CASA-19-181672	GELC
R-35b	825.4	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16.2	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-2198	CASA-19-181672	GELC
R-35b	825.4	06/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.83	—	—	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-2198	CASA-19-181672	GELC
R-35b	825.4	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.32	—	—	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-2198	CASA-19-181672	GELC
R-35b	825.4	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2198	CASA-19-181672	GELC
R-35b	825.4	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	—	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-2198	CASA-19-181672	GELC
R-35b	825.4	06/14/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-2198	CASA-19-181673	GELC
R-35b	825.4	06/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.539	—	—	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-2198	CASA-19-181672	GELC
R-35b	825.4	06/14/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	60.0	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-2198	CASA-19-181672	GELC
R-35b	825.4	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	—	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-2198	CASA-19-181672	GELC
R-35b	825.4	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	—	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-2198	CASA-19-181672	GELC
R-35b	825.4	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.74	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-2198	CASA-19-181672	GELC
R-35b	825.4	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	—	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2198	CASA-19-181672	GELC
R-35b	825.4	06/14/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-2198	CASA-19-181672	GELC
R-35b	825.4	06/14/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-2198	CASA-19-181673	GELC
R-35b	825.4	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.44	—	—	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-2198	CASA-19-181672	GELC
R-35b	825.4	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.19	—	—	2.75*[f]	µg/L	—	0.6	Y	—	NQ	N3B-2019-2198	CASA-19-181672	GELC
R-35b	825.4	06/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.19	—	—	0.748*[f]	mg/L	—	0.085	Y	—	NQ	N3B-2019-2198	CASA-19-181672	GELC
R-35b	825.4	06/14/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.557	—	—	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-2198	CASA-19-181672	GELC
R-35b	825.4	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.82	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-2198	CASA-19-181672	GELC
R-35b	825.4	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	—	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2198	CASA-19-181672	GELC
R-35b	825.4	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	77.8	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-2198	CASA-19-181672	GELC
R-35b	825.4	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	—	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-2198	CASA-19-181672	GELC
R-35b	825.4	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.7	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-2198	CASA-19-181672	GELC
R-35b	825.4	06/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	183.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-2198	CASA-19-181672	GELC
R-35b	825.4	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	62.2	—	—	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2198	CASA-19-181672	GELC
R-35b	825.4	06/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.55	—	—	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-2198	CASA-19-181672	GELC
R-35b	825.4	06/14/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2198	CASA-19-181672	GELC
R-35b	825.4	06/14/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2198	CASA-19-181673	GELC
R-35b	825.4	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	—	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-2198	CASA-19-181672	GELC
R-35b	825.4	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2019-2198	CASA-19-181672	GELC
R-35b	825.4	06/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	170.0	—	—	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-2198	CASA-19-181672	GELC
R-35b	825.4	06/14/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.165*[f]	mg/L	—	0.033	Y	U	U	N3B-2019-2198	CASA-19-181673	GELC
R-35b	825.4	06/14/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2019-2198	CASA-19-181673	GELC
R-35b	825.4	06/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	—	0.0822*[f]	mg/L	—	0.02	Y	U	U	N3B-2019-2198	CASA-19-181672	GELC
R-35b	825.4	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.315	—	—	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-2198	CASA-19-181672	GELC
R-35b	825.4	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	13.1	—	—	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2198	CASA-19-181672	GELC
R-35b	825.4	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	13.0	—	—	14.4*[f]	µg/L	—	3.3	Y	J	U	N3B-2019-2198	CASA-19-181672	GELC
R-35b	825.4	05/07/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.98	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-1804	CASA-19-175190	GELC
R-35b	825.4	05/07/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-1804	CASA-19-175190	GELC
R-35b	825.4	05/07/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	74.3	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-1804	CASA-19-175190	GELC
R-35b	825.4	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-1804	CASA-19-175190	GELC
R-35b	825.4	05/07/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0261	—	—	0.1*[f]	mg/L	—	0.017	Y	J	U	N3B-2019-1804	CASA-19-175190	GELC
R-35b	825.4	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1804	CASA-19-175190	GELC
R-35b	825.4	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.34	—	10	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-1804	CASA-19-175190	GELC
R-35b	825.4	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	29.1	—	2000	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1804	CASA-19-175190	GELC
R-35b	825.4	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1804	CASA-19-175190	GELC
R-35b	825.4	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	18.4	—	750	18.7*[f]	µg/L	—	15.0	Y	J	J	N3B-2019-1804	CASA-19-175190	GELC
R-35b	825.4	05/07/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-1804	CASA-19-175190	GELC
R-35b	825.4	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-1804	CASA-19-175190	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-35b	825.4	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.2	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-1804	CASA-19-175190	GELC
R-35b	825.4	05/07/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.82	—	250	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-1804	CASA-19-175190	GELC
R-35b	825.4	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.56	—	50	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-1804	CASA-19-175190	GELC
R-35b	825.4	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1804	CASA-19-175190	GELC
R-35b	825.4	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-1804	CASA-19-175190	GELC
R-35b	825.4	05/07/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-1804	CASA-19-175191	GELC
R-35b	825.4	05/07/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.753	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-1804	CASA-19-175190	GELC
R-35b	825.4	05/07/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	45.7	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-1804	CASA-19-175190	GELC
R-35b	825.4	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-1804	CASA-19-175190	GELC
R-35b	825.4	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-1804	CASA-19-175190	GELC
R-35b	825.4	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.69	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-1804	CASA-19-175190	GELC
R-35b	825.4	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1804	CASA-19-175190	GELC
R-35b	825.4	05/07/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-1804	CASA-19-175190	GELC
R-35b	825.4	05/07/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-1804	CASA-19-175191	GELC
R-35b	825.4	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.34	—	1000	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-1804	CASA-19-175190	GELC
R-35b	825.4	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.21	—	200	2.75*[f]	µg/L	—	0.6	Y	—	NQ	N3B-2019-1804	CASA-19-175190	GELC
R-35b	825.4	05/07/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.19	—	10	0.748*[f]	mg/L	—	0.085	Y	—	NQ	N3B-2019-1804	CASA-19-175190	GELC
R-35b	825.4	05/07/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.542	—	13.8	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-1804	CASA-19-175190	GELC
R-35b	825.4	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.44	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-1804	CASA-19-175190	GELC
R-35b	825.4	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1804	CASA-19-175190	GELC
R-35b	825.4	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	59.8	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-1804	CASA-19-175190	GELC
R-35b	825.4	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-1804	CASA-19-175190	GELC
R-35b	825.4	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	8.43	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-1804	CASA-19-175190	GELC
R-35b	825.4	05/07/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	177.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-1804	CASA-19-175190	GELC
R-35b	825.4	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	50.8	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1804	CASA-19-175190	GELC
R-35b	825.4	05/07/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.48	—	600	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-1804	CASA-19-175190	GELC
R-35b	825.4	05/07/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1804	CASA-19-175190	GELC
R-35b	825.4	05/07/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1804	CASA-19-175191	GELC
R-35b	825.4	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-1804	CASA-19-175190	GELC
R-35b	825.4	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	12000	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2019-1804	CASA-19-175190	GELC
R-35b	825.4	05/07/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	207.0	—	1000	159*[f]	mg/L	—	3.4	Y	—	J+	N3B-2019-1804	CASA-19-175190	GELC
R-35b	825.4	05/07/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.165*[f]	mg/L	—	0.033	Y	U	U	N3B-2019-1804	CASA-19-175191	GELC
R-35b	825.4	05/07/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2019-1804	CASA-19-175191	GELC
R-35b	825.4	05/07/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	—	0.0822*[f]	mg/L	—	0.02	Y	U	U	N3B-2019-1804	CASA-19-175190	GELC
R-35b	825.4	05/07/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.114	0.763	20000	2.06*[f]	pCi/L	2.574	—	Y	UQ	U	N3B-2019-1829	CASA-19-175191	ARSL
R-35b	825.4	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.294	—	30	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-1804	CASA-19-175190	GELC
R-35b	825.4	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	10.5	—	63.1	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1804	CASA-19-175190	GELC
R-35b	825.4	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	3.75	—	10000	14.4*[f]	µg/L	—	3.3	Y	J	J	N3B-2019-1804	CASA-19-175190	GELC
R-35b	825.4	04/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.94	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-1412	CASA-19-174810	GELC
R-35b	825.4	04/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-1412	CASA-19-174810	GELC
R-35b	825.4	04/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	74.9	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-1412	CASA-19-174810	GELC
R-35b	825.4	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	—	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-1412	CASA-19-174810	GELC
R-35b	825.4	04/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0308	—	—	0.1*[f]	mg/L	—	0.017	Y	J	U	N3B-2019-1412	CASA-19-174810	GELC
R-35b	825.4	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1412	CASA-19-174810	GELC
R-35b	825.4	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.8	—	—	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-1412	CASA-19-174810	GELC
R-35b	825.4	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	37.0	—	—	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1412	CASA-19-174810	GELC
R-35b	825.4	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1412	CASA-19-174810	GELC
R-35b	825.4	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	25.2	—	—	18.7*[f]	µg/L	—	15.0	Y	J	J	N3B-2019-1412	CASA-19-174810	GELC
R-35b	825.4	04/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-1412	CASA-19-174810	GELC
R-35b	825.4	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	—	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-1412	CASA-19-174810	GELC
R-35b	825.4	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	15.7	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-1412	CASA-19-174810	GELC
R-35b	825.4	04/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.93	—	—	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-1412	CASA-19-174810	GELC
R-35b	825.4	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.98	—	—	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-1412	CASA-19-174810	GELC
R-35b	825.4	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1412	CASA-19-174810	GELC
R-35b	825.4	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	—	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-1412	CASA-19-174810	GELC
R-35b	825.4	04/17/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-1412	CASA-19-174809	GELC
R-35b	825.4	04/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.455	—	—	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-1412	CASA-19-174810	GELC
R-35b	825.4	04/17/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	61.1	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-1412	CASA-19-174810	GELC
R-35b	825.4	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	—	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-1412	CASA-19-174810	GELC
R-35b	825.4	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	—	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-1412	CASA-19-174810	GELC
R-35b	825.4	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.34	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-1412	CASA-19-174810	GELC
R-35b	825.4	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	—	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1412	CASA-19-174810	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-35b	825.4	04/17/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-1412	CASA-19-174809	GELC
R-35b	825.4	04/17/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-1412	CASA-19-174810	GELC
R-35b	825.4	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.2	—	—	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-1412	CASA-19-174810	GELC
R-35b	825.4	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.89	—	—	2.75*[f]	µg/L	—	0.6	Y	J	J	N3B-2019-1412	CASA-19-174810	GELC
R-35b	825.4	04/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.15	—	—	0.748*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2019-1412	CASA-19-174810	GELC
R-35b	825.4	04/17/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.557	—	—	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-1412	CASA-19-174810	GELC
R-35b	825.4	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.91	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-1412	CASA-19-174810	GELC
R-35b	825.4	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	—	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1412	CASA-19-174810	GELC
R-35b	825.4	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.6	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-1412	CASA-19-174810	GELC
R-35b	825.4	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	—	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-1412	CASA-19-174810	GELC
R-35b	825.4	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.2	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-1412	CASA-19-174810	GELC
R-35b	825.4	04/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	169.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-1412	CASA-19-174810	GELC
R-35b	825.4	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	64.7	—	—	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1412	CASA-19-174810	GELC
R-35b	825.4	04/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.7	—	—	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-1412	CASA-19-174810	GELC
R-35b	825.4	04/17/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1412	CASA-19-174809	GELC
R-35b	825.4	04/17/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1412	CASA-19-174810	GELC
R-35b	825.4	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	—	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-1412	CASA-19-174810	GELC
R-35b	825.4	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	3.46	—	—	13*[f]	µg/L	—	2.5	Y	J	U	N3B-2019-1412	CASA-19-174810	GELC
R-35b	825.4	04/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	186.0	—	—	159*[f]	mg/L	—	3.4	Y	—	J+	N3B-2019-1412	CASA-19-174810	GELC
R-35b	825.4	04/17/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.165*[f]	mg/L	—	0.033	Y	U	U	N3B-2019-1412	CASA-19-174809	GELC
R-35b	825.4	04/17/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2019-1412	CASA-19-174809	GELC
R-35b	825.4	04/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0516	—	—	0.0822*[f]	mg/L	—	0.02	Y	—	NQ	N3B-2019-1412	CASA-19-174810	GELC
R-35b	825.4	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.278	—	—	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-1412	CASA-19-174810	GELC
R-35b	825.4	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	13.3	—	—	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1412	CASA-19-174810	GELC
R-35b	825.4	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	8.05	—	—	14.4*[f]	µg/L	—	3.3	Y	J	U	N3B-2019-1412	CASA-19-174810	GELC
R-35b	825.4	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.05	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-1209	CASA-19-167693	GELC
R-35b	825.4	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-1209	CASA-19-167693	GELC
R-35b	825.4	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	76.2	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-1209	CASA-19-167693	GELC
R-35b	825.4	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	—	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-1209	CASA-19-167693	GELC
R-35b	825.4	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.1*[f]	mg/L	—	0.017	Y	U	U	N3B-2019-1209	CASA-19-167693	GELC
R-35b	825.4	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1209	CASA-19-167693	GELC
R-35b	825.4	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.41	—	—	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-1209	CASA-19-167693	GELC
R-35b	825.4	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	36.4	—	—	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1209	CASA-19-167693	GELC
R-35b	825.4	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1209	CASA-19-167693	GELC
R-35b	825.4	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	27.1	—	—	18.7*[f]	µg/L	—	15.0	Y	J	U	N3B-2019-1209	CASA-19-167693	GELC
R-35b	825.4	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-1209	CASA-19-167693	GELC
R-35b	825.4	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	—	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-1209	CASA-19-167693	GELC
R-35b	825.4	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16.1	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-1209	CASA-19-167693	GELC
R-35b	825.4	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.16	—	—	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-1209	CASA-19-167693	GELC
R-35b	825.4	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.7	—	—	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-1209	CASA-19-167693	GELC
R-35b	825.4	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	Y	2.06	—	—	1*[f]	µg/L	—	1.0	Y	J	J	N3B-2019-1209	CASA-19-167693	GELC
R-35b	825.4	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	—	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-1209	CASA-19-167693	GELC
R-35b	825.4	03/20/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-1209	CASA-19-167694	GELC
R-35b	825.4	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.463	—	—	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-1209	CASA-19-167693	GELC
R-35b	825.4	03/20/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	59.7	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-1209	CASA-19-167693	GELC
R-35b	825.4	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	—	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-1209	CASA-19-167693	GELC
R-35b	825.4	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	—	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-1209	CASA-19-167693	GELC
R-35b	825.4	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.75	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-1209	CASA-19-167693	GELC
R-35b	825.4	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	—	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1209	CASA-19-167693	GELC
R-35b	825.4	03/20/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-1209	CASA-19-167693	GELC
R-35b	825.4	03/20/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-1209	CASA-19-167694	GELC
R-35b	825.4	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.28	—	—	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-1209	CASA-19-167693	GELC
R-35b	825.4	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.25	—	—	2.75*[f]	µg/L	—	0.6	Y	—	NQ	N3B-2019-1209	CASA-19-167693	GELC
R-35b	825.4	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.34	—	—	0.748*[f]	mg/L	—	0.085	Y	—	NQ	N3B-2019-1209	CASA-19-167693	GELC
R-35b	825.4	03/20/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.499	—	—	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-1209	CASA-19-167693	GELC
R-35b	825.4	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.99	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-1209	CASA-19-167693	GELC
R-35b	825.4	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	—	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1209	CASA-19-167693	GELC
R-35b	825.4	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	77.3	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-1209	CASA-19-167693	GELC
R-35b	825.4	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	—	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-1209	CASA-19-167693	GELC
R-35b	825.4	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.3	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-1209	CASA-19-167693	GELC
R-35b	825.4	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	171.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-1209	CASA-19-167693	GELC
R-35b	825.4	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	64.8	—	—	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1209	CASA-19-167693	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-35b	825.4	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.48	—	—	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-1209	CASA-19-167693	GELC
R-35b	825.4	03/20/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1209	CASA-19-167693	GELC
R-35b	825.4	03/20/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1209	CASA-19-167694	GELC
R-35b	825.4	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	—	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-1209	CASA-19-167693	GELC
R-35b	825.4	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2019-1209	CASA-19-167693	GELC
R-35b	825.4	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	153.0	—	—	159*[f]	mg/L	—	3.4	Y	—	J+	N3B-2019-1209	CASA-19-167693	GELC
R-35b	825.4	03/20/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0764	—	—	0.165*[f]	mg/L	—	0.033	Y	J	U	N3B-2019-1209	CASA-19-167694	GELC
R-35b	825.4	03/20/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2019-1209	CASA-19-167694	GELC
R-35b	825.4	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.06	—	—	0.0822*[f]	mg/L	—	0.02	Y	—	NQ	N3B-2019-1209	CASA-19-167693	GELC
R-35b	825.4	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	N	0.27	—	—	1.06*[f]	µg/L	—	0.067	Y	—	U	N3B-2019-1209	CASA-19-167693	GELC
R-35b	825.4	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	12.5	—	—	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1209	CASA-19-167693	GELC
R-35b	825.4	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	5.83	—	—	14.4*[f]	µg/L	—	3.3	Y	J	J	N3B-2019-1209	CASA-19-167693	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.9	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-947	CASA-19-166443	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.89	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-947	CASA-19-166504	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-947	CASA-19-166443	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-947	CASA-19-166504	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	76.8	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-947	CASA-19-166443	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	75.2	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-947	CASA-19-166504	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	—	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-947	CASA-19-166443	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	—	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-947	CASA-19-166504	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0364	—	—	0.1*[f]	mg/L	—	0.017	Y	J	U	N3B-2019-947	CASA-19-166443	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0468	—	—	0.1*[f]	mg/L	—	0.017	Y	J	U	N3B-2019-947	CASA-19-166504	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-947	CASA-19-166443	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-947	CASA-19-166504	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	2.0	—	—	2.7*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-947	CASA-19-166443	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	N	2.0	—	—	2.7*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-947	CASA-19-166504	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	36.5	—	—	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-947	CASA-19-166443	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	35.6	—	—	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-947	CASA-19-166504	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-947	CASA-19-166443	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-947	CASA-19-166504	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	22.2	—	—	18.7*[f]	µg/L	—	15.0	Y	J	J	N3B-2019-947	CASA-19-166443	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	Y	21.3	—	—	18.7*[f]	µg/L	—	15.0	Y	J	J	N3B-2019-947	CASA-19-166504	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-947	CASA-19-166443	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-947	CASA-19-166504	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	—	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-947	CASA-19-166443	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	—	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-947	CASA-19-166504	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16.3	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-947	CASA-19-166443	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16.4	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-947	CASA-19-166504	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.12	—	—	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-947	CASA-19-166443	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.17	—	—	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-947	CASA-19-166504	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.69	—	—	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-947	CASA-19-166443	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.82	—	—	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-947	CASA-19-166504	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-947	CASA-19-166443	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-947	CASA-19-166504	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	—	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-947	CASA-19-166443	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	—	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-947	CASA-19-166504	GELC
R-35b	825.4	02/21/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-947	CASA-19-166444	GELC
R-35b	825.4	02/21/2019	WG	UF	INIT	FD	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-947	CASA-19-166505	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.552	—	—	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-947	CASA-19-166443	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.6	—	—	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-947	CASA-19-166504	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	61.4	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-947	CASA-19-166443	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	62.1	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-947	CASA-19-166504	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	—	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-947	CASA-19-166443	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	—	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-947	CASA-19-166504	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	—	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-947	CASA-19-166443	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	—	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-947	CASA-19-166504	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.05	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-947	CASA-19-166443	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.16	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-947	CASA-19-166504	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	—	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-947	CASA-19-166443	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	—	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-947	CASA-19-166504	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-947	CASA-19-166443	GELC
R-35b	825.4	02/21/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-947	CASA-19-166444	GELC

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Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-35b	825.4	02/21/2019	WG	F	INIT	FD	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-947	CASA-19-166504	GELC
R-35b	825.4	02/21/2019	WG	UF	INIT	FD	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-947	CASA-19-166505	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.28	—	—	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-947	CASA-19-166443	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.25	—	—	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-947	CASA-19-166504	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.35	—	—	2.75*[f]	µg/L	—	0.6	Y	—	NQ	N3B-2019-947	CASA-19-166443	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.54	—	—	2.75*[f]	µg/L	—	0.6	Y	—	NQ	N3B-2019-947	CASA-19-166504	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.19	—	—	0.748*[f]	mg/L	—	0.085	Y	—	NQ	N3B-2019-947	CASA-19-166443	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.17	—	—	0.748*[f]	mg/L	—	0.085	Y	—	NQ	N3B-2019-947	CASA-19-166504	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.534	—	—	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-947	CASA-19-166443	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.554	—	—	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-947	CASA-19-166504	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.12	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-947	CASA-19-166443	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	2.15	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-947	CASA-19-166504	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	—	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-947	CASA-19-166443	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	—	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-947	CASA-19-166504	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	78.6	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-947	CASA-19-166443	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	77.8	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-947	CASA-19-166504	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	—	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-947	CASA-19-166443	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	—	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-947	CASA-19-166504	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.5	—	—	15.3*[f]	mg/L	—	0.1	Y	—	J+	N3B-2019-947	CASA-19-166443	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.6	—	—	15.3*[f]	mg/L	—	0.1	Y	—	J+	N3B-2019-947	CASA-19-166504	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	170.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-947	CASA-19-166443	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	169.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-947	CASA-19-166504	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	67.6	—	—	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-947	CASA-19-166443	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	67.9	—	—	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-947	CASA-19-166504	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.97	—	—	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-947	CASA-19-166443	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.03	—	—	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-947	CASA-19-166504	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-947	CASA-19-166443	GELC
R-35b	825.4	02/21/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-947	CASA-19-166444	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-947	CASA-19-166504	GELC
R-35b	825.4	02/21/2019	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-947	CASA-19-166505	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	—	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-947	CASA-19-166443	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	—	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-947	CASA-19-166504	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2019-947	CASA-19-166443	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2019-947	CASA-19-166504	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	153.0	—	—	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-947	CASA-19-166443	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	179.0	—	—	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-947	CASA-19-166504	GELC
R-35b	825.4	02/21/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0519	—	—	0.165*[f]	mg/L	—	0.033	Y	J	U	N3B-2019-947	CASA-19-166444	GELC
R-35b	825.4	02/21/2019	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.165*[f]	mg/L	—	0.033	Y	U	U	N3B-2019-947	CASA-19-166505	GELC
R-35b	825.4	02/21/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2019-947	CASA-19-166444	GELC
R-35b	825.4	02/21/2019	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2019-947	CASA-19-166505	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0573	—	—	0.0822*[f]	mg/L	—	0.02	Y	—	U	N3B-2019-947	CASA-19-166443	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0435	—	—	0.0822*[f]	mg/L	—	0.02	Y	J	U	N3B-2019-947	CASA-19-166504	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.279	—	—	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-947	CASA-19-166443	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.283	—	—	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-947	CASA-19-166504	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	12.2	—	—	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-947	CASA-19-166443	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	12.0	—	—	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-947	CASA-19-166504	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	7.87	—	—	14.4*[f]	µg/L	—	3.3	Y	J	J	N3B-2019-947	CASA-19-166443	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Zinc	Zn	Y	6.86	—	—	14.4*[f]	µg/L	—	3.3	Y	J	J	N3B-2019-947	CASA-19-166504	GELC
R-35b	825.4	01/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.88	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-783	CASA-19-166016	GELC
R-35b	825.4	01/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-783	CASA-19-166016	GELC
R-35b	825.4	01/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	74.8	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-783	CASA-19-166016	GELC
R-35b	825.4	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-783	CASA-19-166016	GELC
R-35b	825.4	01/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.031	—	—	0.1*[f]	mg/L	—	0.017	Y	J	J	N3B-2019-783	CASA-19-166016	GELC
R-35b	825.4	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-783	CASA-19-166016	GELC
R-35b	825.4	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.9	—	10	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-783	CASA-19-166016	GELC
R-35b	825.4	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	37.4	—	2000	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-783	CASA-19-166016	GELC
R-35b	825.4	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-783	CASA-19-166016	GELC
R-35b	825.4	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	25.7	—	750	18.7*[f]	µg/L	—	15.0	Y	J	J	N3B-2019-783	CASA-19-166016	GELC
R-35b	825.4	01/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-783	CASA-19-166016	GELC
R-35b	825.4	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-783	CASA-19-166016	GELC
R-35b	825.4	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	15.9	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-783	CASA-19-166016	GELC
R-35b	825.4	01/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.82	—	250	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-783	CASA-19-166016	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-35b	825.4	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.0	—	50	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-783	CASA-19-166016	GELC
R-35b	825.4	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-783	CASA-19-166016	GELC
R-35b	825.4	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-783	CASA-19-166016	GELC
R-35b	825.4	01/17/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-783	CASA-19-166017	GELC
R-35b	825.4	01/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.531	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-783	CASA-19-166016	GELC
R-35b	825.4	01/17/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	61.3	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-783	CASA-19-166016	GELC
R-35b	825.4	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-783	CASA-19-166016	GELC
R-35b	825.4	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-783	CASA-19-166016	GELC
R-35b	825.4	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.26	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-783	CASA-19-166016	GELC
R-35b	825.4	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-783	CASA-19-166016	GELC
R-35b	825.4	01/17/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-783	CASA-19-166016	GELC
R-35b	825.4	01/17/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-783	CASA-19-166017	GELC
R-35b	825.4	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.41	—	1000	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-783	CASA-19-166016	GELC
R-35b	825.4	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.54	—	200	2.75*[f]	µg/L	—	0.6	Y	—	NQ	N3B-2019-783	CASA-19-166016	GELC
R-35b	825.4	01/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.1	—	10	0.748*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2019-783	CASA-19-166016	GELC
R-35b	825.4	01/17/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.615	—	13.8	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-783	CASA-19-166016	GELC
R-35b	825.4	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.94	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-783	CASA-19-166016	GELC
R-35b	825.4	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-783	CASA-19-166016	GELC
R-35b	825.4	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	76.0	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-783	CASA-19-166016	GELC
R-35b	825.4	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-783	CASA-19-166016	GELC
R-35b	825.4	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.9	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-783	CASA-19-166016	GELC
R-35b	825.4	01/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	171.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-783	CASA-19-166016	GELC
R-35b	825.4	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	66.5	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-783	CASA-19-166016	GELC
R-35b	825.4	01/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.45	—	600	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-783	CASA-19-166016	GELC
R-35b	825.4	01/17/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-783	CASA-19-166016	GELC
R-35b	825.4	01/17/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-783	CASA-19-166017	GELC
R-35b	825.4	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-783	CASA-19-166016	GELC
R-35b	825.4	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	12000	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2019-783	CASA-19-166016	GELC
R-35b	825.4	01/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	110.0	—	1000	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-783	CASA-19-166016	GELC
R-35b	825.4	01/17/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.165*[f]	mg/L	—	0.033	Y	U	U	N3B-2019-783	CASA-19-166017	GELC
R-35b	825.4	01/17/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2019-783	CASA-19-166017	GELC
R-35b	825.4	01/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	—	0.0822*[f]	mg/L	—	0.02	Y	U	U	N3B-2019-783	CASA-19-166016	GELC
R-35b	825.4	01/17/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.068	0.962	20000	2.06*[f]	pCi/L	3.149	—	Y	U	U	N3B-2019-836	CASA-19-166017	ARSL
R-35b	825.4	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.381	—	30	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-783	CASA-19-166016	GELC
R-35b	825.4	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	13.2	—	63.1	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-783	CASA-19-166016	GELC
R-35b	825.4	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	8.65	—	10000	14.4*[f]	µg/L	—	3.3	Y	J	J	N3B-2019-783	CASA-19-166016	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.305	—	535	—	µg/L	—	0.305	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.305	—	—	—	µg/L	—	0.305	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	2.42	—	14100	—	µg/L	—	1.5	Y	J	R	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.58	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	68.9	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00711	0.00918	—	0.0167*[f]	pCi/L	0.0475	—	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0474	—	—	0.1*[f]	mg/L	—	0.017	Y	J	U	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.27	—	130	—	µg/L	—	4.27	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.305	—	1720	—	µg/L	—	0.305	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	3.35	—	10	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	3.05	—	3	—	µg/L	—	3.05	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Azobenzene	103-33-3	N	3.05	—	1.2	—	µg/L	—	3.05	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	31.9	—	2000	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	3.96	—	0.00109	—	µg/L	—	3.96	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.305	—	0.12	—	µg/L	—	0.305	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.305	—	0.2	—	µg/L	—	0.305	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.305	—	0.343	—	µg/L	—	0.305	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.305	—	—	—	µg/L	—	0.305	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.305	—	3.43	—	µg/L	—	0.305	Y	U	U	N3B-2020-285	CASA-20-189217	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-36	766.9	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.09	—	75000	—	µg/L	—	6.09	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	3.05	—	2000	—	µg/L	—	3.05	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	3.05	—	59	—	µg/L	—	3.05	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	3.05	—	0.137	—	µg/L	—	3.05	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	1.33	—	6	—	µg/L	—	0.305	Y	B	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	22.0	—	750	18.7*[f]	µg/L	—	15.0	Y	J	J	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	1.34	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	3.05	—	—	—	µg/L	—	3.05	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.305	—	160	—	µg/L	—	0.305	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16.8	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.908	1.56	—	2.93*[f]	pCi/L	5.86	—	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.12	—	250	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	3.05	—	1400	—	µg/L	—	3.05	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.35	—	3.7	—	µg/L	—	3.35	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	1.68	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.416	—	733	—	µg/L	—	0.416	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	3.05	—	91	—	µg/L	—	3.05	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.05	—	—	—	µg/L	—	3.05	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	5.32	—	50	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.305	—	34.3	—	µg/L	—	0.305	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.411	1.64	—	2.65*[f]	pCi/L	5.86	—	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.305	—	0.0343	—	µg/L	—	0.305	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	3.05	—	7.9	—	µg/L	—	3.05	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	3.05	—	600	—	µg/L	—	3.05	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.05	—	—	—	µg/L	—	3.05	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	3.05	—	75	—	µg/L	—	3.05	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	3.05	—	1.25	—	µg/L	—	3.05	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CASA-20-189217	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-36	766.9	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	3.05	—	45.3	—	µg/L	—	3.05	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.305	—	14800	—	µg/L	—	0.305	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.305	—	612	—	µg/L	—	0.305	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	3.05	—	354	—	µg/L	—	3.05	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.305	—	885	—	µg/L	—	0.305	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.05	—	1.52	—	µg/L	—	3.05	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	5.08	—	38.7	—	µg/L	—	5.08	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	3.05	—	2.37	—	µg/L	—	3.05	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	3.05	—	0.485	—	µg/L	—	3.05	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.305	—	200	—	µg/L	—	0.305	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	3.05	—	7	—	µg/L	—	3.05	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.05	—	4.59	—	µg/L	—	3.05	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	—	4.59	—	µg/L	—	0.1	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	3.05	—	122	—	µg/L	—	3.05	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.305	—	802	—	µg/L	—	0.305	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.305	—	288	—	µg/L	—	0.305	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.739	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	3.33	1.13	15	2.012*[f]	pCi/L	2.7	—	Y	—	NQ	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	-0.164	0.468	—	3.81*[f]	pCi/L	1.75	—	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	58.2	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	3.05	—	1	—	µg/L	—	3.05	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	3.05	—	1.39	—	µg/L	—	3.05	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	3.05	—	50	—	µg/L	—	3.05	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	3.05	—	3.28	—	µg/L	—	3.05	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.305	—	0.343	—	µg/L	—	0.305	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.55	—	781	—	µg/L	—	3.55	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.97	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.305	—	11.4	—	µg/L	—	0.305	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.305	—	35.1	—	µg/L	—	0.305	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	3.05	—	930	—	µg/L	—	3.05	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.76	—	1900	—	µg/L	—	3.76	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	2.0	—	1000	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.305	—	1.65	—	µg/L	—	0.305	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-7.64	2.39	—	4.72*[f]	pCi/L	7.18	—	Y	U	U	N3B-2020-285	CASA-20-189217	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-36	766.9	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	1.08	—	200	2.75*[f]	µg/L	—	0.6	Y	J	J	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.6	—	10	0.748*[f]	mg/L	—	0.085	Y	—	NQ	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	3.05	—	190	—	µg/L	—	3.05	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	3.05	—	—	—	µg/L	—	3.05	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	3.05	—	38	—	µg/L	—	3.05	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	3.05	—	1.4	—	µg/L	—	3.05	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	3.05	—	—	—	µg/L	—	3.05	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	3.05	—	—	—	µg/L	—	3.05	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.05	—	0.00167	—	µg/L	—	3.05	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.000183	—	0.00167	—	µg/L	—	0.00018	Y	J	U	N3B-2020-281	CASA-20-189217	SWRI
R-36	766.9	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.05	—	0.00491	—	µg/L	—	3.05	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00036	—	0.00491	—	µg/L	—	0.00036	Y	U	U	N3B-2020-281	CASA-20-189217	SwRI
R-36	766.9	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.05	—	0.0273	—	µg/L	—	3.05	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.00047	—	0.0273	—	µg/L	—	0.00047	Y	U	UJ	N3B-2020-281	CASA-20-189217	SwRI
R-36	766.9	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.05	—	0.11	—	µg/L	—	3.05	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	—	0.11	—	µg/L	—	0.00018	Y	U	U	N3B-2020-281	CASA-20-189217	SwRI
R-36	766.9	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	3.05	—	0.37	—	µg/L	—	3.05	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	—	0.37	—	µg/L	—	0.00033	Y	U	UJ	N3B-2020-281	CASA-20-189217	SwRI
R-36	766.9	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.05	—	9.81	—	µg/L	—	3.05	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	3.05	—	3.07	—	µg/L	—	3.05	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	3.05	—	1	—	µg/L	—	3.05	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	1.31	—	13.8	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.612	—	70	—	ng/L	—	0.612	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.741	—	70	—	ng/L	—	0.741	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.741	—	70	—	ng/L	—	0.741	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.305	—	170	—	µg/L	—	0.305	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	3.05	—	5	—	µg/L	—	3.05	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0139	0.0135	—	0.00994*[f]	pCi/L	0.0421	—	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00232	0.00697	—	0.0171*[f]	pCi/L	0.0409	—	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.89	—	—	2.357*[f]	mg/L	—	0.05	Y	—	J+	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-27.2	19.3	—	35.6*[f]	pCi/L	63.9	—	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	RE	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.05	—	250	2.06*[f]	µg/L	—	3.05	Y	UH	UJ	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.305	—	117	—	µg/L	—	0.305	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	3.05	—	20	—	µg/L	—	3.05	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	1.02	0.215	5	—	pCi/L	0.376	—	Y	—	NQ	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	1.24	0.336	5	—	pCi/L	—	—	Y	—	NQ	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.216	0.258	5	—	pCi/L	0.888	—	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.1	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	14.0	—	—	15.3*[f]	mg/L	—	0.1	Y	N	NQ	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.265	1.36	—	1.93*[f]	pCi/L	5.26	—	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	168.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	64.5	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.306	0.13	8	0.355*[f]	pCi/L	0.462	—	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.24	—	600	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	11/06/2019	WG	UF	RE	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.05	—	20	2.06*[f]	µg/L	—	3.05	Y	UH	UJ	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.05	—	1.66	—	µg/L	—	3.05	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.05	—	240	—	µg/L	—	3.05	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	12000	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	176.0	—	1000	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0335	—	—	0.165*[f]	mg/L	—	0.033	Y	J	U	N3B-2020-285	CASA-20-189217	GELC

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R-36	766.9	11/06/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Total PFAS	PFAS-Tot-3a	N	0.0	—	70	—	ng/L	—	1.85	—	U	—	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	—	0.0822*[f]	mg/L	—	0.02	Y	U	U	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	3.05	—	70	—	µg/L	—	3.05	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	3.05	—	1170	—	µg/L	—	3.05	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	3.05	—	11.9	—	µg/L	—	3.05	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	7.87	1.598	20000	—	pCi/L	3.201	—	Y	—	NQ	N3B-2020-282	CASA-20-189217	ARSL
R-36	766.9	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.309	—	30	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.211	0.0317	27.2	0.653*[f]	pCi/L	0.081	—	Y	—	NQ	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.031	0.0153	28.8	0.0423*[f]	pCi/L	0.0585	—	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0983	0.0217	30	0.322*[f]	pCi/L	0.0947	—	Y	—	NQ	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	14.4	—	63.1	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	24.0	—	10000	14.4*[f]	µg/L	—	3.3	Y	—	NQ	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.61	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	69.5	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0309	—	—	0.1*[f]	mg/L	—	0.017	Y	J	J	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.56	—	10	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	33.4	—	2000	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	24.1	—	750	18.7*[f]	µg/L	—	15.0	Y	J	J	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.8	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.42	—	250	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.57	—	50	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	07/11/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-2508	CASA-19-182708	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.788	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	60.6	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.95	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	07/11/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-2508	CASA-19-182708	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.73	—	1000	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.62	—	200	2.75*[f]	µg/L	—	0.6	Y	J	J	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.45	—	10	0.748*[f]	mg/L	—	0.17	Y	—	NQ	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	1.32	—	13.8	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.05	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.3	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	14.8	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-2508	CASA-19-182707	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-36	766.9	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	192.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	67.3	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.52	—	600	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	07/11/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2508	CASA-19-182708	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	3.71	—	12000	13*[f]	µg/L	—	2.5	Y	J	J	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	201.0	—	1000	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	07/11/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0639	—	—	0.165*[f]	mg/L	—	0.033	Y	J	U	N3B-2019-2508	CASA-19-182708	GELC
R-36	766.9	07/11/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.336	—	—	0.982*[f]	mg/L	—	0.33	Y	J	J	N3B-2019-2508	CASA-19-182708	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.531	—	—	0.0822*[f]	mg/L	—	0.02	Y	—	NQ	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.243	—	30	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	15.9	—	63.1	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	26.3	—	10000	14.4*[f]	µg/L	—	3.3	Y	—	NQ	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.65	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	71.1	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0428	—	—	0.1*[f]	mg/L	—	0.017	Y	J	U	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.18	—	10	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	31.3	—	2000	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	28.0	—	750	18.7*[f]	µg/L	—	15.0	Y	J	J	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16.8	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.26	—	250	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.38	—	50	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.56	—	1000	3*[f]	µg/L	—	3.0	Y	J	U	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	05/08/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-1827	CASA-19-175194	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.781	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	59.4	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.23	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	05/08/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-1827	CASA-19-175194	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	1.65	—	1000	2.37*[f]	µg/L	—	0.2	Y	—	U	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.622	—	200	2.75*[f]	µg/L	—	0.6	Y	J	J	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.39	—	10	0.748*[f]	mg/L	—	0.085	Y	—	NQ	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	1.32	—	13.8	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.92	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.6	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	14.2	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	192.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	63.5	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.22	—	600	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	05/08/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1827	CASA-19-175194	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	9.68	—	12000	13*[f]	µg/L	—	2.5	Y	J	J	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	84.3	—	1000	159*[f]	mg/L	—	3.4	Y	—	J+	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	05/08/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0711	—	—	0.165*[f]	mg/L	—	0.033	Y	J	J	N3B-2019-1827	CASA-19-175194	GELC
R-36	766.9	05/08/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2019-1827	CASA-19-175194	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.208	—	—	0.0822*[f]	mg/L	—	0.02	Y	—	J+	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	05/08/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	10.313	1.879	20000	2.06*[f]	pCi/L	3.052	—	Y	Q	J-	N3B-2019-1829	CASA-19-175194	ARSL
R-36	766.9	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.253	—	30	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-1827	CASA-19-175193	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-36	766.9	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	14.5	—	63.1	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	25.0	—	10000	14.4*[f]	µg/L	—	3.3	Y	—	NQ	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.62	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	69.6	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0304	—	—	0.1*[f]	mg/L	—	0.017	Y	J	J	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.16	—	10	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	31.2	—	2000	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	22.7	—	750	18.7*[f]	µg/L	—	15.0	Y	J	J	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0863	—	—	0.067*[f]	mg/L	—	0.067	Y	J	J	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16.6	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.18	—	250	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.59	—	50	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	01/18/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-786	CASA-19-166000	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.556	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	57.2	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.82	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	01/18/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-786	CASA-19-166000	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.91	—	1000	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.641	—	200	2.75*[f]	µg/L	—	0.6	Y	J	J	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.54	—	10	0.748*[f]	mg/L	—	0.085	Y	—	NQ	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	1.42	—	13.8	0.412*[f]	µg/L	—	0.05	Y	—	J-	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.94	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.5	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	14.4	—	—	15.3*[f]	mg/L	—	0.1	Y	E	J+	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	192.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	63.2	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.2	—	600	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	01/18/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-786	CASA-19-166000	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	12000	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	179.0	—	1000	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	01/18/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.165*[f]	mg/L	—	0.033	Y	U	U	N3B-2019-786	CASA-19-166000	GELC
R-36	766.9	01/18/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2019-786	CASA-19-166000	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0349	—	—	0.0822*[f]	mg/L	—	0.02	Y	J	U	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.347	—	30	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	14.2	—	63.1	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	22.3	—	10000	14.4*[f]	µg/L	—	3.3	Y	—	NQ	N3B-2019-786	CASA-19-165999	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.307	—	535	—	µg/L	—	0.307	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.305	—	535	—	µg/L	—	0.305	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.307	—	—	—	µg/L	—	0.307	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.305	—	—	—	µg/L	—	0.305	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	2.36	—	14100	—	µg/L	—	1.5	Y	J	J	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Acetone	67-64-1	Y	1.86	—	14100	—	µg/L	—	1.5	Y	J	J	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.19	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.17	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2020-354	CASA-20-189220	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	44.1	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	44.5	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00466	0.00466	—	0.0167*[f]	pCi/L	0.0467	—	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00177	0.00532	—	0.0167*[f]	pCi/L	0.0355	—	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0536	—	—	0.1*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0389	—	—	0.1*[f]	mg/L	—	0.017	Y	J	J	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.29	—	130	—	µg/L	—	4.29	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.27	—	130	—	µg/L	—	4.27	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.307	—	1720	—	µg/L	—	0.307	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.305	—	1720	—	µg/L	—	0.305	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.66	—	10	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.57	—	10	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	3.07	—	3	—	µg/L	—	3.07	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	3.05	—	3	—	µg/L	—	3.05	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Azobenzene	103-33-3	N	3.07	—	1.2	—	µg/L	—	3.07	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Azobenzene	103-33-3	N	3.05	—	1.2	—	µg/L	—	3.05	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	25.6	—	2000	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	26.3	—	2000	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	3.99	—	0.00109	—	µg/L	—	3.99	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzidine	92-87-5	N	3.97	—	0.00109	—	µg/L	—	3.97	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.307	—	0.12	—	µg/L	—	0.307	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.305	—	0.12	—	µg/L	—	0.305	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.307	—	0.2	—	µg/L	—	0.307	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.305	—	0.2	—	µg/L	—	0.305	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.307	—	0.343	—	µg/L	—	0.307	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.305	—	0.343	—	µg/L	—	0.305	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.307	—	—	—	µg/L	—	0.307	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.305	—	—	—	µg/L	—	0.305	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.307	—	3.43	—	µg/L	—	0.307	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.305	—	3.43	—	µg/L	—	0.305	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.13	—	75000	—	µg/L	—	6.13	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.1	—	75000	—	µg/L	—	6.1	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	3.07	—	2000	—	µg/L	—	3.07	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	3.05	—	2000	—	µg/L	—	3.05	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	3.07	—	59	—	µg/L	—	3.07	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	3.05	—	59	—	µg/L	—	3.05	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	3.07	—	0.137	—	µg/L	—	3.07	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	3.05	—	0.137	—	µg/L	—	3.05	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.307	—	6	—	µg/L	—	0.307	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.305	—	6	—	µg/L	—	0.305	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	16.7	—	750	18.7*[f]	µg/L	—	15.0	Y	J	J	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	Y	17.2	—	750	18.7*[f]	µg/L	—	15.0	Y	J	J	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	1.34	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189220	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	1.34	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	3.07	—	—	—	µg/L	—	3.07	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	3.05	—	—	—	µg/L	—	3.05	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.307	—	160	—	µg/L	—	0.307	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.305	—	160	—	µg/L	—	0.305	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	19.5	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	19.8	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.03	1.03	—	2.93*[f]	pCi/L	3.47	—	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	3.17	1.8	—	2.93*[f]	pCi/L	3.66	—	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	8.96	—	250	2.61*[f]	mg/L	—	0.067	Y	—	J+	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	9.03	—	250	2.61*[f]	mg/L	—	0.067	Y	—	J+	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	3.07	—	1400	—	µg/L	—	3.07	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	3.05	—	1400	—	µg/L	—	3.05	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.37	—	3.7	—	µg/L	—	3.37	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.36	—	3.7	—	µg/L	—	3.36	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	1.68	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	1.68	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.419	—	733	—	µg/L	—	0.419	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.417	—	733	—	µg/L	—	0.417	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	3.07	—	91	—	µg/L	—	3.07	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	3.05	—	91	—	µg/L	—	3.05	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.07	—	—	—	µg/L	—	3.07	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.05	—	—	—	µg/L	—	3.05	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	223.0	—	50	6.6*[f]	µg/L	—	15.0	Y	—	NQ	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Chromium	Cr	Y	222.0	—	50	6.6*[f]	µg/L	—	15.0	Y	—	NQ	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.307	—	34.3	—	µg/L	—	0.307	Y	U	U	N3B-2020-354	CASA-20-189220	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.305	—	34.3	—	µg/L	—	0.305	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.95	1.07	—	2.65*[f]	pCi/L	4.49	—	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.53	1.08	—	2.65*[f]	pCi/L	4.22	—	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.307	—	0.0343	—	µg/L	—	0.307	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.305	—	0.0343	—	µg/L	—	0.305	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	3.07	—	7.9	—	µg/L	—	3.07	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	3.05	—	7.9	—	µg/L	—	3.05	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	3.07	—	600	—	µg/L	—	3.07	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	3.05	—	600	—	µg/L	—	3.05	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.07	—	—	—	µg/L	—	3.07	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.05	—	—	—	µg/L	—	3.05	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	3.07	—	75	—	µg/L	—	3.07	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	3.05	—	75	—	µg/L	—	3.05	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	3.07	—	1.25	—	µg/L	—	3.07	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	3.05	—	1.25	—	µg/L	—	3.05	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	3.07	—	45.3	—	µg/L	—	3.07	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	3.05	—	45.3	—	µg/L	—	3.05	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.307	—	14800	—	µg/L	—	0.307	Y	U	U	N3B-2020-354	CASA-20-189220	GELC

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R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.305	—	14800	—	µg/L	—	0.305	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.307	—	612	—	µg/L	—	0.307	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.305	—	612	—	µg/L	—	0.305	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	3.07	—	354	—	µg/L	—	3.07	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	3.05	—	354	—	µg/L	—	3.05	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.307	—	885	—	µg/L	—	0.307	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.305	—	885	—	µg/L	—	0.305	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.07	—	1.52	—	µg/L	—	3.07	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.05	—	1.52	—	µg/L	—	3.05	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	5.11	—	38.7	—	µg/L	—	5.11	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	5.09	—	38.7	—	µg/L	—	5.09	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	3.07	—	2.37	—	µg/L	—	3.07	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	3.05	—	2.37	—	µg/L	—	3.05	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	3.07	—	0.485	—	µg/L	—	3.07	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	3.05	—	0.485	—	µg/L	—	3.05	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.307	—	200	—	µg/L	—	0.307	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.305	—	200	—	µg/L	—	0.305	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	3.07	—	7	—	µg/L	—	3.07	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	3.05	—	7	—	µg/L	—	3.05	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.07	—	4.59	—	µg/L	—	3.07	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.05	—	4.59	—	µg/L	—	3.05	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	—	4.59	—	µg/L	—	0.1	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	Y	0.134	—	4.59	—	µg/L	—	0.1	Y	J	J	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	3.07	—	122	—	µg/L	—	3.07	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	3.05	—	122	—	µg/L	—	3.05	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.307	—	802	—	µg/L	—	0.307	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.305	—	802	—	µg/L	—	0.305	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.307	—	288	—	µg/L	—	0.307	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.305	—	288	—	µg/L	—	0.305	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.3	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.3	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.25	0.883	15	2.012*[f]	pCi/L	2.99	—	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	1.21	0.841	15	2.012*[f]	pCi/L	2.82	—	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.46	0.82	—	3.81*[f]	pCi/L	2.42	—	Y	—	NQ	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	2.72	0.789	—	3.81*[f]	pCi/L	2.2	—	Y	—	NQ	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	66.4	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	67.6	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	3.07	—	1	—	µg/L	—	3.07	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	3.05	—	1	—	µg/L	—	3.05	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	3.07	—	1.39	—	µg/L	—	3.07	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	3.05	—	1.39	—	µg/L	—	3.05	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	3.07	—	50	—	µg/L	—	3.07	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	3.05	—	50	—	µg/L	—	3.05	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	3.07	—	3.28	—	µg/L	—	3.07	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	3.05	—	3.28	—	µg/L	—	3.05	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.307	—	0.343	—	µg/L	—	0.307	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.305	—	0.343	—	µg/L	—	0.305	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.58	—	781	—	µg/L	—	3.58	Y	U	U	N3B-2020-354	CASA-20-189220	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.56	—	781	—	µg/L	—	3.56	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.3	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.4	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.307	—	11.4	—	µg/L	—	0.307	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.305	—	11.4	—	µg/L	—	0.305	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.307	—	35.1	—	µg/L	—	0.307	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.305	—	35.1	—	µg/L	—	0.305	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	3.07	—	930	—	µg/L	—	3.07	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	3.05	—	930	—	µg/L	—	3.05	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.78	—	1900	—	µg/L	—	3.78	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.76	—	1900	—	µg/L	—	3.76	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.27	—	1000	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.24	—	1000	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.307	—	1.65	—	µg/L	—	0.307	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.305	—	1.65	—	µg/L	—	0.305	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.85	1.76	—	4.72*[f]	pCi/L	6.03	—	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.66	1.84	—	4.72*[f]	pCi/L	7.06	—	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	2.61	—	200	2.75*[f]	µg/L	—	0.6	Y	—	NQ	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Nickel	Ni	Y	2.68	—	200	2.75*[f]	µg/L	—	0.6	Y	—	NQ	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.1	—	10	0.748*[f]	mg/L	—	0.85	Y	—	NQ	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.01	—	10	0.748*[f]	mg/L	—	0.17	Y	—	NQ	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	3.07	—	190	—	µg/L	—	3.07	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	3.05	—	190	—	µg/L	—	3.05	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	3.07	—	—	—	µg/L	—	3.07	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	3.05	—	—	—	µg/L	—	3.05	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	3.07	—	38	—	µg/L	—	3.07	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	3.05	—	38	—	µg/L	—	3.05	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	3.07	—	1.4	—	µg/L	—	3.07	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	3.05	—	1.4	—	µg/L	—	3.05	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	3.07	—	—	—	µg/L	—	3.07	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	3.05	—	—	—	µg/L	—	3.05	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	3.07	—	—	—	µg/L	—	3.07	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	3.05	—	—	—	µg/L	—	3.05	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.07	—	0.00167	—	µg/L	—	3.07	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.05	—	0.00167	—	µg/L	—	3.05	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	—	0.00167	—	µg/L	—	0.00018	Y	U	U	N3B-2020-356	CASA-20-189220	SwRI
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	NITROSAMINES	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	—	0.00167	—	µg/L	—	0.00018	Y	U	U	N3B-2020-356	CASA-20-189222	SwRI
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.07	—	0.00491	—	µg/L	—	3.07	Y	U	U	N3B-2020-354	CASA-20-189220	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.05	—	0.00491	—	µg/L	—	3.05	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00036	—	0.00491	—	µg/L	—	0.00036	Y	U	U	N3B-2020-356	CASA-20-189220	SwRI
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	NITROSAMINES	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00036	—	0.00491	—	µg/L	—	0.00036	Y	U	U	N3B-2020-356	CASA-20-189222	SwRI
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.07	—	0.0273	—	µg/L	—	3.07	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.05	—	0.0273	—	µg/L	—	3.05	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.00047	—	0.0273	—	µg/L	—	0.00047	Y	U	UJ	N3B-2020-356	CASA-20-189220	SwRI
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	NITROSAMINES	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.00047	—	0.0273	—	µg/L	—	0.00047	Y	U	UJ	N3B-2020-356	CASA-20-189222	SwRI
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.07	—	0.11	—	µg/L	—	3.07	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.05	—	0.11	—	µg/L	—	3.05	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	—	0.11	—	µg/L	—	0.00018	Y	U	U	N3B-2020-356	CASA-20-189220	SwRI
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	NITROSAMINES	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	—	0.11	—	µg/L	—	0.00018	Y	U	U	N3B-2020-356	CASA-20-189222	SwRI
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	3.07	—	0.37	—	µg/L	—	3.07	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	3.05	—	0.37	—	µg/L	—	3.05	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	—	0.37	—	µg/L	—	0.00033	Y	U	U	N3B-2020-356	CASA-20-189220	SwRI
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	NITROSAMINES	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	—	0.37	—	µg/L	—	0.00033	Y	U	U	N3B-2020-356	CASA-20-189222	SwRI
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.07	—	9.81	—	µg/L	—	3.07	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.05	—	9.81	—	µg/L	—	3.05	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	3.07	—	3.07	—	µg/L	—	3.07	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	3.05	—	3.07	—	µg/L	—	3.05	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	3.07	—	1	—	µg/L	—	3.07	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	3.05	—	1	—	µg/L	—	3.05	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.832	—	13.8	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.828	—	13.8	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.593	—	70	—	ng/L	—	0.593	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	LCMS/MS PFAS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.588	—	70	—	ng/L	—	0.588	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.719	—	70	—	ng/L	—	0.719	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	LCMS/MS PFAS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.713	—	70	—	ng/L	—	0.713	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.719	—	70	—	ng/L	—	0.719	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	LCMS/MS PFAS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.713	—	70	—	ng/L	—	0.713	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.307	—	170	—	µg/L	—	0.307	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.305	—	170	—	µg/L	—	0.305	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	3.07	—	5	—	µg/L	—	3.07	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Phenol	108-95-2	N	3.05	—	5	—	µg/L	—	3.05	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0186	0.00802	—	0.00994*[f]	pCi/L	0.0375	—	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00667	0.00588	—	0.00994*[f]	pCi/L	0.0403	—	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00621	0.00547	—	0.0171*[f]	pCi/L	0.0364	—	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00667	0.00667	—	0.0171*[f]	pCi/L	0.0392	—	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.75	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	1.69	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-21.5	15.3	—	35.6*[f]	pCi/L	51.7	—	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-9.47	18.0	—	35.6*[f]	pCi/L	59.7	—	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	RE	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.07	—	250	2.06*[f]	µg/L	—	3.07	Y	UH	UJ	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	RE	FD	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.05	—	250	2.06*[f]	µg/L	—	3.05	Y	UH	UJ	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.307	—	117	—	µg/L	—	0.307	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.305	—	117	—	µg/L	—	0.305	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	3.07	—	20	—	µg/L	—	3.07	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Pyridine	110-86-1	N	3.05	—	20	—	µg/L	—	3.05	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.216	0.134	5	—	pCi/L	0.443	—	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.497	0.113	5	—	pCi/L	0.181	—	Y	—	NQ	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.325	0.216	5	—	pCi/L	—	—	Y	—	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.695	0.18	5	—	pCi/L	—	—	Y	—	NQ	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.11	0.169	5	—	pCi/L	0.597	—	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	N	0.199	0.14	5	—	pCi/L	0.47	—	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	75.1	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	76.4	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189219	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.1	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.1	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.872	0.782	—	1.93*[f]	pCi/L	2.78	—	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.0653	0.984	—	1.93*[f]	pCi/L	3.71	—	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	178.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	175.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	79.0	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	79.0	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0484	0.135	8	0.355*[f]	pCi/L	0.487	—	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.161	0.133	8	0.355*[f]	pCi/L	0.448	—	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	18.7	—	600	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	18.7	—	600	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	11/14/2019	WG	UF	RE	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.07	—	20	2.06*[f]	µg/L	—	3.07	Y	UH	UJ	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	RE	FD	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.05	—	20	2.06*[f]	µg/L	—	3.05	Y	UH	UJ	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.07	—	1.66	—	µg/L	—	3.07	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.05	—	1.66	—	µg/L	—	3.05	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.07	—	240	—	µg/L	—	3.07	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.05	—	240	—	µg/L	—	3.05	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	250.0	—	12000	13*[f]	µg/L	—	250.0	Y	U	U	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Tin	Sn	N	250.0	—	12000	13*[f]	µg/L	—	250.0	Y	U	U	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	179.0	—	1000	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	169.0	—	1000	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0583	—	—	0.165*[f]	mg/L	—	0.033	Y	J	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0394	—	—	0.165*[f]	mg/L	—	0.033	Y	J	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.665	—	—	0.982*[f]	mg/L	—	0.33	Y	J	J	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.639	—	—	0.982*[f]	mg/L	—	0.33	Y	J	J	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Total PFAS	PFAS-Tot-3a	N	0.0	—	70	—	ng/L	—	1.8	—	U	—	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	LCMS/MS PFAS	EPA:537M	Total PFAS	PFAS-Tot-3a	N	0.0	—	70	—	ng/L	—	1.78	—	U	—	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.118	—	—	0.0822*[f]	mg/L	—	0.02	Y	—	NQ	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.119	—	—	0.0822*[f]	mg/L	—	0.02	Y	—	NQ	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	3.07	—	70	—	µg/L	—	3.07	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	3.05	—	70	—	µg/L	—	3.05	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189220	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	3.07	—	1170	—	µg/L	—	3.07	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	3.05	—	1170	—	µg/L	—	3.05	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	3.07	—	11.9	—	µg/L	—	3.07	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	3.05	—	11.9	—	µg/L	—	3.05	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	6.052	1.323	20000	2.06*[f]	pCi/L	2.899	—	Y	—	NQ	N3B-2020-398	CASA-20-189220	ARSL
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	5.819	1.294	20000	2.06*[f]	pCi/L	2.888	—	Y	—	NQ	N3B-2020-398	CASA-20-189222	ARSL
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.104	—	30	1.06*[f]	µg/L	—	0.067	Y	J	J	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Uranium	U	Y	0.104	—	30	1.06*[f]	µg/L	—	0.067	Y	J	J	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.0743	0.0183	27.2	0.653*[f]	pCi/L	0.0645	—	Y	—	NQ	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.107	0.0189	27.2	0.653*[f]	pCi/L	0.0583	—	Y	—	NQ	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00388	0.00615	28.8	0.0423*[f]	pCi/L	0.0462	—	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.015	0.0093	28.8	0.0423*[f]	pCi/L	0.0418	—	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0605	0.0147	30	0.322*[f]	pCi/L	0.0754	—	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0506	0.0136	30	0.322*[f]	pCi/L	0.0682	—	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.2	—	63.1	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.21	—	63.1	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	10000	14.4*[f]	µg/L	—	3.3	Y	U	U	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	10000	14.4*[f]	µg/L	—	3.3	Y	U	U	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.31	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	42.9	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.055	—	—	0.1*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.69	—	10	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	24.1	—	2000	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	750	18.7*[f]	µg/L	—	15.0	Y	U	U	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	19.4	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	9.11	—	250	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	205.0	—	50	6.6*[f]	µg/L	—	3.0	Y	—	NQ	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	07/11/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-2508	CASA-19-182710	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.535	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	65.1	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.03	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	07/11/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-2508	CASA-19-182710	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.24	—	1000	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.02	—	200	2.75*[f]	µg/L	—	0.6	Y	—	NQ	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	4.9	—	10	0.748*[f]	mg/L	—	0.17	Y	—	NQ	N3B-2019-2508	CASA-19-182709	GELC

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Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.783	—	13.8	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.36	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.9	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.1	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	201.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	74.0	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	18.6	—	600	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	07/11/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2508	CASA-19-182710	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	12000	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	216.0	—	1000	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	07/11/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0928	—	—	0.165*[f]	mg/L	—	0.033	Y	J	U	N3B-2019-2508	CASA-19-182710	GELC
R-43 S1	903.9	07/11/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.59	—	—	0.982*[f]	mg/L	—	0.33	Y	J	J	N3B-2019-2508	CASA-19-182710	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.078	—	—	0.0822*[f]	mg/L	—	0.02	Y	—	NQ	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.103	—	30	1.06*[f]	µg/L	—	0.067	Y	J	J	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.97	—	63.1	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	7.16	—	10000	14.4*[f]	µg/L	—	3.3	Y	J	J	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.32	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	47.5	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0835	—	—	0.1*[f]	mg/L	—	0.017	Y	—	U	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.38	—	10	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	23.7	—	2000	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	750	18.7*[f]	µg/L	—	15.0	Y	U	U	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	19.9	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	9.03	—	250	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	197.0	—	50	6.6*[f]	µg/L	—	3.0	Y	—	NQ	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	05/10/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-1877	CASA-19-175196	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.475	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	68.4	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.51	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	05/10/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-1877	CASA-19-175196	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.23	—	1000	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.69	—	200	2.75*[f]	µg/L	—	0.6	Y	J	J	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.09	—	10	0.748*[f]	mg/L	—	0.17	Y	—	NQ	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.856	—	13.8	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.36	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.9	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.3	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	199.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	72.6	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	18.5	—	600	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	05/10/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1877	CASA-19-175196	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	9.03	—	12000	13*[f]	µg/L	—	2.5	Y	J	U	N3B-2019-1877	CASA-19-175195	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	193.0	—	1000	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	05/10/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0855	—	—	0.165*[f]	mg/L	—	0.033	Y	J	J	N3B-2019-1877	CASA-19-175196	GELC
R-43 S1	903.9	05/10/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.498	—	—	0.982*[f]	mg/L	—	0.33	Y	J	J	N3B-2019-1877	CASA-19-175196	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0263	—	—	0.0822*[f]	mg/L	—	0.02	Y	J	U	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.11	—	30	1.06*[f]	µg/L	—	0.067	Y	J	J	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.52	—	63.1	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	10000	14.4*[f]	µg/L	—	3.3	Y	U	U	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.0	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	46.0	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0422	—	—	0.1*[f]	mg/L	—	0.017	Y	J	J	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	2.0	—	10	2.7*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	23.2	—	2000	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	16.0	—	750	18.7*[f]	µg/L	—	15.0	Y	J	J	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0696	—	—	0.067*[f]	mg/L	—	0.067	Y	J	J	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	19.4	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	8.68	—	250	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	199.0	—	50	6.6*[f]	µg/L	—	3.0	Y	—	NQ	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	01/18/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-786	CASA-19-166002	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.3	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	65.2	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.08	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	2.27	—	200	12.1*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	01/18/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-786	CASA-19-166002	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.36	—	1000	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	12.4	—	200	2.75*[f]	µg/L	—	0.6	Y	—	NQ	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.5	—	10	0.748*[f]	mg/L	—	0.85	Y	—	NQ	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.782	—	13.8	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.67	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.6	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.7	—	—	15.3*[f]	mg/L	—	0.1	Y	E	J+	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	199.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	75.0	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	18.1	—	600	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	01/18/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-786	CASA-19-166002	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	12000	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	187.0	—	1000	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	01/18/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.165*[f]	mg/L	—	0.033	Y	U	U	N3B-2019-786	CASA-19-166002	GELC
R-43 S1	903.9	01/18/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.804	—	—	0.982*[f]	mg/L	—	0.33	Y	J	J	N3B-2019-786	CASA-19-166002	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0341	—	—	0.0822*[f]	mg/L	—	0.02	Y	J	U	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	N	0.067	—	30	1.06*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.07	—	63.1	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	36.8	—	10000	14.4*[f]	µg/L	—	3.3	Y	—	NQ	N3B-2019-786	CASA-19-166001	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.319	—	535	—	µg/L	—	0.319	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.319	—	—	—	µg/L	—	0.319	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	1.76	—	14100	—	µg/L	—	1.5	Y	J	J	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.84	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2020-275	CASA-20-189225	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	9.54	—	—	—	mg/L	—	1.45	Y	—	NQ	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.8	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0	0.00428	—	0.0167*[f]	pCi/L	0.0429	—	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.1*[f]	mg/L	—	0.017	Y	U	U	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.47	—	130	—	µg/L	—	4.47	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.319	—	1720	—	µg/L	—	0.319	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	3.11	—	10	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	3.19	—	3	—	µg/L	—	3.19	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Azobenzene	103-33-3	N	3.19	—	1.2	—	µg/L	—	3.19	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	24.2	—	2000	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	4.15	—	0.00109	—	µg/L	—	4.15	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.319	—	0.12	—	µg/L	—	0.319	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.319	—	0.2	—	µg/L	—	0.319	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.319	—	0.343	—	µg/L	—	0.319	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.319	—	—	—	µg/L	—	0.319	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.319	—	3.43	—	µg/L	—	0.319	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	Y	16.5	—	75000	—	µg/L	—	6.38	Y	J	J	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	3.19	—	2000	—	µg/L	—	3.19	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	3.19	—	59	—	µg/L	—	3.19	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	3.19	—	0.137	—	µg/L	—	3.19	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.532	—	6	—	µg/L	—	0.319	Y	BJ	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	30.2	—	750	18.7*[f]	µg/L	—	15.0	Y	J	J	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	1.34	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	3.19	—	—	—	µg/L	—	3.19	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.319	—	160	—	µg/L	—	0.319	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.3	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.131	1.13	—	2.93*[f]	pCi/L	4.37	—	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	7.39	—	250	2.61*[f]	mg/L	—	0.067	Y	—	J+	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	3.19	—	1400	—	µg/L	—	3.19	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.51	—	3.7	—	µg/L	—	3.51	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	1.68	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.436	—	733	—	µg/L	—	0.436	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	3.19	—	91	—	µg/L	—	3.19	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.19	—	—	—	µg/L	—	3.19	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	32.1	—	50	6.6*[f]	µg/L	—	3.0	Y	—	NQ	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.319	—	34.3	—	µg/L	—	0.319	Y	U	U	N3B-2020-275	CASA-20-189225	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.19	1.54	—	2.65*[f]	pCi/L	6.59	—	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.319	—	0.0343	—	µg/L	—	0.319	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	3.19	—	7.9	—	µg/L	—	3.19	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	3.19	—	600	—	µg/L	—	3.19	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.19	—	—	—	µg/L	—	3.19	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	3.19	—	75	—	µg/L	—	3.19	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	3.19	—	1.25	—	µg/L	—	3.19	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	3.19	—	45.3	—	µg/L	—	3.19	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.319	—	14800	—	µg/L	—	0.319	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.319	—	612	—	µg/L	—	0.319	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	3.19	—	354	—	µg/L	—	3.19	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.319	—	885	—	µg/L	—	0.319	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.19	—	1.52	—	µg/L	—	3.19	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	5.32	—	38.7	—	µg/L	—	5.32	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	3.19	—	2.37	—	µg/L	—	3.19	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	3.19	—	0.485	—	µg/L	—	3.19	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.319	—	200	—	µg/L	—	0.319	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	3.19	—	7	—	µg/L	—	3.19	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.19	—	4.59	—	µg/L	—	3.19	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	—	4.59	—	µg/L	—	0.1	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	3.19	—	122	—	µg/L	—	3.19	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.319	—	802	—	µg/L	—	0.319	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.319	—	288	—	µg/L	—	0.319	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.466	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.24	0.805	15	2.012*[f]	pCi/L	2.63	—	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.31	0.621	—	3.81*[f]	pCi/L	2.01	—	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	59.8	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	3.19	—	1	—	µg/L	—	3.19	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	3.19	—	1.39	—	µg/L	—	3.19	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	3.19	—	50	—	µg/L	—	3.19	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	3.19	—	3.28	—	µg/L	—	3.19	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.319	—	0.343	—	µg/L	—	0.319	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.72	—	781	—	µg/L	—	3.72	Y	U	U	N3B-2020-275	CASA-20-189225	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.01	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.11	—	2	0.067*[f]	µg/L	—	0.067	Y	J	U	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.118	—	2	0.067*[f]	µg/L	—	0.067	Y	J	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.319	—	11.4	—	µg/L	—	0.319	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.319	—	35.1	—	µg/L	—	0.319	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	3.19	—	930	—	µg/L	—	3.19	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.93	—	1900	—	µg/L	—	3.93	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.45	—	1000	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.319	—	1.65	—	µg/L	—	0.319	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.8	2.43	—	4.72*[f]	pCi/L	9.36	—	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	N	0.6	—	200	2.75*[f]	µg/L	—	0.6	Y	U	U	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	4.18	—	10	0.748*[f]	mg/L	—	0.17	Y	—	NQ	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	3.19	—	190	—	µg/L	—	3.19	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	3.19	—	—	—	µg/L	—	3.19	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	3.19	—	38	—	µg/L	—	3.19	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	3.19	—	1.4	—	µg/L	—	3.19	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	3.19	—	—	—	µg/L	—	3.19	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	3.19	—	—	—	µg/L	—	3.19	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	—	0.00167	—	µg/L	—	0.00018	Y	J	U	N3B-2020-278	CASA-20-189225	SWRI
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.19	—	0.00167	—	µg/L	—	3.19	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00036	—	0.00491	—	µg/L	—	0.00036	Y	U	U	N3B-2020-278	CASA-20-189225	SwRI
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.19	—	0.00491	—	µg/L	—	3.19	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.00047	—	0.0273	—	µg/L	—	0.00047	Y	U	UJ	N3B-2020-278	CASA-20-189225	SWRI
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.19	—	0.0273	—	µg/L	—	3.19	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	—	0.11	—	µg/L	—	0.00018	Y	U	U	N3B-2020-278	CASA-20-189225	SwRI
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.19	—	0.11	—	µg/L	—	3.19	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	—	0.37	—	µg/L	—	0.00033	Y	U	UJ	N3B-2020-278	CASA-20-189225	SWRI
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	3.19	—	0.37	—	µg/L	—	3.19	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.19	—	9.81	—	µg/L	—	3.19	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	3.19	—	3.07	—	µg/L	—	3.19	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	3.19	—	1	—	µg/L	—	3.19	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.903	—	13.8	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.59	—	70	—	ng/L	—	0.59	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.715	—	70	—	ng/L	—	0.715	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanoic acid	335-67-1	Y	0.802	—	70	—	ng/L	—	0.626	Y	J	J	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.319	—	170	—	µg/L	—	0.319	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	3.19	—	5	—	µg/L	—	3.19	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00823	0.0091	—	0.00994*[f]	pCi/L	0.0497	—	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00823	0.00823	—	0.0171*[f]	pCi/L	0.0483	—	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.4	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-36.1	19.9	—	35.6*[f]	pCi/L	61.6	—	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	RE	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.19	—	250	2.06*[f]	µg/L	—	3.19	Y	UH	UJ	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.319	—	117	—	µg/L	—	0.319	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	3.19	—	20	—	µg/L	—	3.19	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.519	0.193	5	—	pCi/L	0.532	—	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	3.49	0.392	5	—	pCi/L	—	—	Y	—	NQ	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	Y	2.98	0.341	5	—	pCi/L	0.739	—	Y	—	NQ	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.7	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189224	GELC

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Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	14.7	—	—	15.3*[f]	mg/L	—	0.1	Y	N	J-	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.136	1.42	—	1.93*[f]	pCi/L	5.61	—	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	171.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	98.1	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.361	0.152	8	0.355*[f]	pCi/L	0.482	—	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	10.8	—	600	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	11/05/2019	WG	UF	RE	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.19	—	20	2.06*[f]	µg/L	—	3.19	Y	UH	UJ	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	5.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	5.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.19	—	1.66	—	µg/L	—	3.19	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.19	—	240	—	µg/L	—	3.19	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	12000	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	77.1	—	1000	159*[f]	mg/L	—	3.4	Y	—	J+	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0928	—	—	0.165*[f]	mg/L	—	0.033	Y	J	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.815	—	—	0.982*[f]	mg/L	—	0.33	Y	J	J	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Total PFAS	PFAS-Tot-3a	Y	0.802	—	70	—	ng/L	—	1.79	—	J	—	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0204	—	—	0.0822*[f]	mg/L	—	0.02	Y	J	U	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	3.19	—	70	—	µg/L	—	3.19	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	3.19	—	1170	—	µg/L	—	3.19	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	3.19	—	11.9	—	µg/L	—	3.19	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.021	0.889	20000	—	pCi/L	2.903	—	Y	U	U	N3B-2020-282	CASA-20-189225	ARSL
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.321	—	30	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.288	0.0294	27.2	0.653*[f]	pCi/L	0.058	—	Y	—	NQ	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00981	0.00731	28.8	0.0423*[f]	pCi/L	0.0413	—	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.122	0.0191	30	0.322*[f]	pCi/L	0.068	—	Y	—	NQ	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.67	—	63.1	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	4.2	—	10000	14.4*[f]	µg/L	—	3.3	Y	J	J	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.93	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.74	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	8.74	—	—	—	mg/L	—	1.45	Y	—	NQ	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	9.14	—	—	—	mg/L	—	1.45	Y	—	NQ	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	68.6	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.2	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0263	—	—	0.1*[f]	mg/L	—	0.017	Y	J	J	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.108	—	—	0.1*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	Y	3.39	—	10	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.24	—	10	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	24.2	—	2000	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2508	CASA-19-182713	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	24.8	—	2000	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	Y	29.9	—	750	18.7*[f]	µg/L	—	15.0	Y	J	J	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	30.5	—	750	18.7*[f]	µg/L	—	15.0	Y	J	J	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.4	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.6	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.97	—	250	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.99	—	250	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	32.4	—	50	6.6*[f]	µg/L	—	3.0	Y	—	NQ	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	31.6	—	50	6.6*[f]	µg/L	—	3.0	Y	—	NQ	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	07/11/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-2508	CASA-19-182712	GELC
R-43 S2	969.1	07/11/2019	WG	UF	INIT	FD	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-2508	CASA-19-182714	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.576	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.576	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	59.2	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	59.3	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.81	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.75	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	07/11/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-2508	CASA-19-182712	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	07/11/2019	WG	UF	INIT	FD	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-2508	CASA-19-182714	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	Y	0.139	—	2	0.067*[f]	µg/L	—	0.067	Y	J	J	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.43	—	1000	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.34	—	1000	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	N	0.6	—	200	2.75*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.6	—	200	2.75*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.79	—	10	0.748*[f]	mg/L	—	0.17	Y	—	NQ	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.66	—	10	0.748*[f]	mg/L	—	0.17	Y	—	NQ	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.918	—	13.8	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.899	—	13.8	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	1.36	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.35	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.2	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.3	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	13.9	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	14.0	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	194.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	196.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	98.1	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	97.7	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	10.1	—	600	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	10.1	—	600	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2508	CASA-19-182711	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-43 S2	969.1	07/11/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2508	CASA-19-182712	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	07/11/2019	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2508	CASA-19-182714	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	12000	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	12000	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	163.0	—	1000	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	124.0	—	1000	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	07/11/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.165*[f]	mg/L	—	0.033	Y	—	U	N3B-2019-2508	CASA-19-182712	GELC
R-43 S2	969.1	07/11/2019	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.133	—	—	0.165*[f]	mg/L	—	0.033	Y	—	U	N3B-2019-2508	CASA-19-182714	GELC
R-43 S2	969.1	07/11/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.714	—	—	0.982*[f]	mg/L	—	0.33	Y	J	J	N3B-2019-2508	CASA-19-182712	GELC
R-43 S2	969.1	07/11/2019	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.806	—	—	0.982*[f]	mg/L	—	0.33	Y	J	J	N3B-2019-2508	CASA-19-182714	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0714	—	—	0.0822*[f]	mg/L	—	0.02	Y	—	NQ	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.47	—	—	0.0822*[f]	mg/L	—	0.02	Y	—	NQ	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.321	—	30	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.302	—	30	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.83	—	63.1	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	8.13	—	63.1	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Zinc	Zn	Y	4.6	—	10000	14.4*[f]	µg/L	—	3.3	Y	J	J	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	7.43	—	10000	14.4*[f]	µg/L	—	3.3	Y	J	J	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.81	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	UH	U	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	69.5	—	—	69.92*[f]	mg/L	—	1.45	Y	H	NQ	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.028	—	—	0.1*[f]	mg/L	—	0.017	Y	J	J	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.9	—	10	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	22.5	—	2000	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	30.4	—	750	18.7*[f]	µg/L	—	15.0	Y	J	J	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	15.6	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.47	—	250	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	29.6	—	50	6.6*[f]	µg/L	—	3.0	Y	—	NQ	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	05/16/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-1943	CASA-19-175198	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.376	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	54.8	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	Y	0.646	—	15	0.5*[f]	µg/L	—	0.5	Y	J	J	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.86	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	05/16/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-1991	CASA-19-175198	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.67	—	1000	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	2.46	—	200	2.75*[f]	µg/L	—	0.6	Y	—	U	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.9	—	10	0.748*[f]	mg/L	—	0.17	Y	—	NQ	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.953	—	13.8	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.33	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	64.1	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	13.6	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	195.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	91.9	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	9.53	—	600	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	05/16/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1943	CASA-19-175198	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-1991	CASA-19-175197	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	11.7	—	12000	13*[f]	µg/L	—	2.5	Y	—	NQ	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	184.0	—	1000	159*[f]	mg/L	—	3.4	Y	H	NQ	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	05/16/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0395	—	—	0.165*[f]	mg/L	—	0.033	Y	J	J	N3B-2019-1991	CASA-19-175198	GELC
R-43 S2	969.1	05/16/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.902	—	—	0.982*[f]	mg/L	—	0.33	Y	J	J	N3B-2019-1991	CASA-19-175198	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0234	—	—	0.0822*[f]	mg/L	—	0.02	Y	J	J	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.315	—	30	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.4	—	63.1	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	7.5	—	10000	14.4*[f]	µg/L	—	3.3	Y	J	U	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.71	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	8.8	—	—	—	mg/L	—	1.45	Y	—	NQ	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.4	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0661	—	—	0.1*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.46	—	10	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	22.4	—	2000	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	20.9	—	750	18.7*[f]	µg/L	—	15.0	Y	J	J	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16.4	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.37	—	250	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	24.6	—	50	6.6*[f]	µg/L	—	3.0	Y	—	NQ	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	01/22/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-792	CASA-19-166004	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.256	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	56.6	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.82	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	01/22/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-792	CASA-19-166004	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.47	—	1000	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.6	—	200	2.75*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.81	—	10	0.748*[f]	mg/L	—	0.17	Y	—	NQ	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.877	—	13.8	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.26	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.0	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	13.5	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	193.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	91.2	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	9.44	—	600	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	01/22/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-792	CASA-19-166004	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	12000	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	136.0	—	1000	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	01/22/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.165*[f]	mg/L	—	0.033	Y	U	U	N3B-2019-792	CASA-19-166004	GELC
R-43 S2	969.1	01/22/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.344	—	—	0.982*[f]	mg/L	—	0.33	Y	J	J	N3B-2019-792	CASA-19-166004	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0243	—	—	0.0822*[f]	mg/L	—	0.02	Y	J	U	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.443	—	30	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.39	—	63.1	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	10000	14.4*[f]	µg/L	—	3.3	Y	U	U	N3B-2019-792	CASA-19-166003	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.3	—	535	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	1.89	—	14100	—	µg/L	—	1.5	Y	J	J	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.88	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2020-404	CAMO-20-189162	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.6	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00864	0.0104	—	0.0167*[f]	pCi/L	0.0581	—	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0903	—	—	0.1*[f]	mg/L	—	0.017	Y	—	U	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.2	—	130	—	µg/L	—	4.2	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.3	—	1720	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.1	—	10	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	3.0	—	3	—	µg/L	—	3.0	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Azobenzene	103-33-3	N	3.0	—	1.2	—	µg/L	—	3.0	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	38.4	—	2000	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	3.9	—	0.00109	—	µg/L	—	3.9	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.3	—	0.12	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.3	—	0.2	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.3	—	0.343	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.3	—	3.43	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.0	—	75000	—	µg/L	—	6.0	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	3.0	—	2000	—	µg/L	—	3.0	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	3.0	—	59	—	µg/L	—	3.0	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	3.0	—	0.137	—	µg/L	—	3.0	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.3	—	6	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	750	18.7*[f]	µg/L	—	15.0	Y	U	U	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.157	—	—	0.067*[f]	mg/L	—	0.067	Y	J	J+	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	1.34	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.3	—	160	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	23.5	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.242	1.56	—	2.93*[f]	pCi/L	5.55	—	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	20.3	—	250	2.61*[f]	mg/L	—	0.335	Y	—	NQ	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	3.0	—	1400	—	µg/L	—	3.0	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.3	—	3.7	—	µg/L	—	3.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	1.68	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.41	—	733	—	µg/L	—	0.41	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	3.0	—	91	—	µg/L	—	3.0	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	6.04	—	50	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2020-404	CAMO-20-189162	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.3	—	34.3	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.3	1.41	—	2.65*[f]	pCi/L	6.13	—	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.3	—	0.0343	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	3.0	—	7.9	—	µg/L	—	3.0	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	3.0	—	600	—	µg/L	—	3.0	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	3.0	—	75	—	µg/L	—	3.0	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	3.0	—	1.25	—	µg/L	—	3.0	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	3.0	—	45.3	—	µg/L	—	3.0	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.3	—	14800	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.3	—	612	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	3.0	—	354	—	µg/L	—	3.0	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.3	—	885	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.0	—	1.52	—	µg/L	—	3.0	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	5.0	—	38.7	—	µg/L	—	5.0	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	3.0	—	2.37	—	µg/L	—	3.0	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	3.0	—	0.485	—	µg/L	—	3.0	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	3.0	—	7	—	µg/L	—	3.0	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.0	—	4.59	—	µg/L	—	3.0	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	Y	0.297	—	4.59	—	µg/L	—	0.1	Y	J	J	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	3.0	—	122	—	µg/L	—	3.0	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.3	—	802	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.3	—	288	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.401	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.4	0.898	15	2.012*[f]	pCi/L	2.96	—	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.59	0.802	—	3.81*[f]	pCi/L	2.61	—	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	90.0	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	3.0	—	1	—	µg/L	—	3.0	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	3.0	—	1.39	—	µg/L	—	3.0	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	3.0	—	50	—	µg/L	—	3.0	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	3.0	—	3.28	—	µg/L	—	3.0	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.3	—	0.343	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	30.4	—	1000	53.8*[f]	µg/L	—	30.0	Y	J	J	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC

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R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.5	—	781	—	µg/L	—	3.5	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	7.6	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.3	—	11.4	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.3	—	35.1	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	3.0	—	930	—	µg/L	—	3.0	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.7	—	1900	—	µg/L	—	3.7	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	0.577	—	1000	2.37*[f]	µg/L	—	0.2	Y	J	J	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.63	2.7	—	4.72*[f]	pCi/L	9.68	—	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	42.8	—	200	2.75*[f]	µg/L	—	0.6	Y	—	NQ	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.44	—	10	0.748*[f]	mg/L	—	0.17	Y	—	NQ	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	3.0	—	190	—	µg/L	—	3.0	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	3.0	—	38	—	µg/L	—	3.0	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	3.0	—	1.4	—	µg/L	—	3.0	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	—	0.00167	—	µg/L	—	0.00018	Y	U	U	N3B-2020-401	CAMO-20-189163	SwRI
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.0	—	0.00167	—	µg/L	—	3.0	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00036	—	0.00491	—	µg/L	—	0.00036	Y	U	U	N3B-2020-401	CAMO-20-189163	SwRI
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.0	—	0.00491	—	µg/L	—	3.0	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.00047	—	0.0273	—	µg/L	—	0.00047	Y	U	U	N3B-2020-401	CAMO-20-189163	SwRI
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.0	—	0.0273	—	µg/L	—	3.0	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	—	0.11	—	µg/L	—	0.00018	Y	U	U	N3B-2020-401	CAMO-20-189163	SwRI
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.0	—	0.11	—	µg/L	—	3.0	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	—	0.37	—	µg/L	—	0.00033	Y	U	U	N3B-2020-401	CAMO-20-189163	SwRI
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	3.0	—	0.37	—	µg/L	—	3.0	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.0	—	9.81	—	µg/L	—	3.0	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	3.0	—	3.07	—	µg/L	—	3.0	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	3.0	—	1	—	µg/L	—	3.0	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.298	—	13.8	0.412*[f]	µg/L	—	0.05	Y	—	J	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.56	—	70	—	ng/L	—	0.56	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.678	—	70	—	ng/L	—	0.678	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.678	—	70	—	ng/L	—	0.678	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.3	—	170	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	3.0	—	5	—	µg/L	—	3.0	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00721	0.00953	—	0.00994*[f]	pCi/L	0.0597	—	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0191	0.00972	—	0.0171*[f]	pCi/L	0.0479	—	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.59	—	—	2.357*[f]	mg/L	—	0.05	Y	—	J+	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-23.5	19.6	—	35.6*[f]	pCi/L	72.3	—	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.0	—	250	2.06*[f]	µg/L	—	3.0	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.3	—	117	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	3.0	—	20	—	µg/L	—	3.0	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.0	0.0825	5	—	pCi/L	0.343	—	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.0	0.165	5	—	pCi/L	—	—	Y	—	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.0865	0.143	5	—	pCi/L	0.571	—	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.5	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2020-404	CAMO-20-189162	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	13.0	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.526	1.46	—	1.93*[f]	pCi/L	5.93	—	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	230.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	108.0	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0619	0.0689	8	0.355*[f]	pCi/L	0.241	—	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	19.8	—	600	4.51*[f]	mg/L	—	0.665	Y	—	NQ	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.0	—	20	2.06*[f]	µg/L	—	3.0	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.0	—	1.66	—	µg/L	—	3.0	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.0	—	240	—	µg/L	—	3.0	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	12000	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	201.0	—	1000	159*[f]	mg/L	—	3.4	Y	—	J+	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.165*[f]	mg/L	—	0.033	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.558	—	—	0.982*[f]	mg/L	—	0.33	Y	J	J	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Total PFAS	PFAS-Tot-3a	N	0.0	—	70	—	ng/L	—	1.7	—	U	—	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	—	0.0822*[f]	mg/L	—	0.02	Y	U	U	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	3.0	—	70	—	µg/L	—	3.0	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	3.0	—	1170	—	µg/L	—	3.0	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	3.0	—	11.9	—	µg/L	—	3.0	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	44.268	6.798	20000	2.06*[f]	pCi/L	2.849	—	Y	—	NQ	N3B-2020-398	CAMO-20-189163	ARSL
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.771	—	30	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.518	0.0543	27.2	0.653*[f]	pCi/L	0.111	—	Y	—	NQ	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0465	0.0191	28.8	0.0423*[f]	pCi/L	0.0846	—	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.358	0.0445	30	0.322*[f]	pCi/L	0.115	—	Y	—	NQ	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.27	—	63.1	10.7*[f]	µg/L	—	1.0	Y	J	J	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	10000	14.4*[f]	µg/L	—	3.3	Y	U	U	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.89	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.6	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Aluminum	Al	N	19.3	—	—	68*[f]	µg/L	—	19.3	Y	U	U	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0701	—	—	0.1*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	3.9	—	—	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	40.1	—	—	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Beryllium	Be	N	0.2	—	—	1*[f]	µg/L	—	0.2	Y	U	U	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	—	18.7*[f]	µg/L	—	15.0	Y	U	U	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.153	—	—	0.067*[f]	mg/L	—	0.067	Y	J	J	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	—	—	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	23.7	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	19.0	—	—	2.61*[f]	mg/L	—	0.335	Y	—	NQ	N3B-2019-3285	CAMO-19-186511	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	6.04	—	—	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cobalt	Co	N	0.3	—	—	1*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Copper	Cu	Y	0.414	—	—	3*[f]	µg/L	—	0.3	Y	J	J	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	09/12/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-3285	CAMO-19-186510	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.339	—	—	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	88.1	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	—	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	—	—	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	7.01	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	—	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	09/12/2019	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-3285	CAMO-19-186510	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	0.661	—	—	2.37*[f]	µg/L	—	0.2	Y	J	J	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	25.4	—	—	2.75*[f]	µg/L	—	0.6	Y	—	NQ	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.36	—	—	0.748*[f]	mg/L	—	0.085	Y	—	NQ	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.313	—	—	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.48	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	2.0	—	—	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.4	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	—	—	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.3	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	225.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	101.0	—	—	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	19.4	—	—	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	09/12/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-3285	CAMO-19-186510	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	—	—	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	214.0	—	—	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	09/12/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.165*[f]	mg/L	—	0.033	Y	U	U	N3B-2019-3285	CAMO-19-186510	GELC
R-44 S1	895.0	09/12/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.384	—	—	0.982*[f]	mg/L	—	0.33	Y	J	J	N3B-2019-3285	CAMO-19-186510	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0801	—	—	0.0822*[f]	mg/L	—	0.02	Y	—	NQ	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.775	—	—	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Vanadium	V	N	19.0	—	—	10.7*[f]	µg/L	—	3.3	Y	J	U	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Zinc	Zn	Y	4.03	—	—	14.4*[f]	µg/L	—	3.3	Y	J	J	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	08/27/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.94	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-3165	CAMO-19-184722	GELC
R-44 S1	895.0	08/27/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-3165	CAMO-19-184722	GELC
R-44 S1	895.0	08/27/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.4	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-3165	CAMO-19-184722	GELC
R-44 S1	895.0	08/27/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	—	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-3165	CAMO-19-184722	GELC
R-44 S1	895.0	08/27/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0499	—	—	0.1*[f]	mg/L	—	0.017	Y	J	U	N3B-2019-3165	CAMO-19-184722	GELC
R-44 S1	895.0	08/27/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-3165	CAMO-19-184722	GELC
R-44 S1	895.0	08/27/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.78	—	—	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-3165	CAMO-19-184722	GELC
R-44 S1	895.0	08/27/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	40.3	—	—	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-3165	CAMO-19-184722	GELC
R-44 S1	895.0	08/27/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-3165	CAMO-19-184722	GELC
R-44 S1	895.0	08/27/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	—	18.7*[f]	µg/L	—	15.0	Y	U	U	N3B-2019-3165	CAMO-19-184722	GELC
R-44 S1	895.0	08/27/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.149	—	—	0.067*[f]	mg/L	—	0.067	Y	J	J	N3B-2019-3165	CAMO-19-184722	GELC
R-44 S1	895.0	08/27/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	—	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-3165	CAMO-19-184722	GELC
R-44 S1	895.0	08/27/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	24.3	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-3165	CAMO-19-184722	GELC
R-44 S1	895.0	08/27/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	18.2	—	—	2.61*[f]	mg/L	—	0.335	Y	—	NQ	N3B-2019-3165	CAMO-19-184722	GELC
R-44 S1	895.0	08/27/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	6.24	—	—	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-3165	CAMO-19-184722	GELC
R-44 S1	895.0	08/27/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-3165	CAMO-19-184722	GELC
R-44 S1	895.0	08/27/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	—	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-3165	CAMO-19-184722	GELC
R-44 S1	895.0	08/27/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-3165	CAMO-19-184723	GELC
R-44 S1	895.0	08/27/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.159	—	—	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-3165	CAMO-19-184722	GELC
R-44 S1	895.0	08/27/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	88.6	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-3165	CAMO-19-184722	GELC
R-44 S1	895.0	08/27/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	—	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-3165	CAMO-19-184722	GELC
R-44 S1	895.0	08/27/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	—	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-3165	CAMO-19-184722	GELC
R-44 S1	895.0	08/27/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.78	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-3165	CAMO-19-184722	GELC
R-44 S1	895.0	08/27/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	—	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-3165	CAMO-19-184722	GELC
R-44 S1	895.0	08/27/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-3165	CAMO-19-184722	GELC
R-44 S1	895.0	08/27/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-3165	CAMO-19-184723	GELC
R-44 S1	895.0	08/27/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	0.835	—	—	2.37*[f]	µg/L	—	0.2	Y	J	U	N3B-2019-3165	CAMO-19-184722	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-44 S1	895.0	08/27/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	32.5	—	—	2.75*[f]	µg/L	—	0.6	Y	—	NQ	N3B-2019-3165	CAMO-19-184722	GELC
R-44 S1	895.0	08/27/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.32	—	—	0.748*[f]	mg/L	—	0.085	Y	—	NQ	N3B-2019-3165	CAMO-19-184722	GELC
R-44 S1	895.0	08/27/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.32	—	—	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-3165	CAMO-19-184722	GELC
R-44 S1	895.0	08/27/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.53	—	—	2.357*[f]	mg/L	—	0.05	Y	—	J+	N3B-2019-3165	CAMO-19-184722	GELC
R-44 S1	895.0	08/27/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	—	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-3165	CAMO-19-184722	GELC
R-44 S1	895.0	08/27/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.1	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-3165	CAMO-19-184722	GELC
R-44 S1	895.0	08/27/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	—	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-3165	CAMO-19-184722	GELC
R-44 S1	895.0	08/27/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	13.0	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-3165	CAMO-19-184722	GELC
R-44 S1	895.0	08/27/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	223.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-3165	CAMO-19-184722	GELC
R-44 S1	895.0	08/27/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	104.0	—	—	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-3165	CAMO-19-184722	GELC
R-44 S1	895.0	08/27/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	19.4	—	—	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-3165	CAMO-19-184722	GELC
R-44 S1	895.0	08/27/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-3165	CAMO-19-184722	GELC
R-44 S1	895.0	08/27/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-3165	CAMO-19-184723	GELC
R-44 S1	895.0	08/27/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	Y	0.752	—	—	0.45*[f]	µg/L	—	0.6	Y	J	J	N3B-2019-3165	CAMO-19-184722	GELC
R-44 S1	895.0	08/27/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	2.58	—	—	13*[f]	µg/L	—	2.5	Y	J	J	N3B-2019-3165	CAMO-19-184722	GELC
R-44 S1	895.0	08/27/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	251.0	—	—	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-3165	CAMO-19-184722	GELC
R-44 S1	895.0	08/27/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.104	—	—	0.165*[f]	mg/L	—	0.033	Y	—	U	N3B-2019-3165	CAMO-19-184723	GELC
R-44 S1	895.0	08/27/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.569	—	—	0.982*[f]	mg/L	—	0.33	Y	J	J	N3B-2019-3165	CAMO-19-184723	GELC
R-44 S1	895.0	08/27/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0775	—	—	0.0822*[f]	mg/L	—	0.02	Y	—	NQ	N3B-2019-3165	CAMO-19-184722	GELC
R-44 S1	895.0	08/27/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.829	—	—	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-3165	CAMO-19-184722	GELC
R-44 S1	895.0	08/27/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.23	—	—	10.7*[f]	µg/L	—	1.0	Y	J	J	N3B-2019-3165	CAMO-19-184722	GELC
R-44 S1	895.0	08/27/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	6.66	—	—	14.4*[f]	µg/L	—	3.3	Y	J	U	N3B-2019-3165	CAMO-19-184722	GELC
R-44 S1	895.0	07/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.89	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-2530	CAMO-19-181836	GELC
R-44 S1	895.0	07/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-2530	CAMO-19-181836	GELC
R-44 S1	895.0	07/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.6	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-2530	CAMO-19-181836	GELC
R-44 S1	895.0	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-2530	CAMO-19-181836	GELC
R-44 S1	895.0	07/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.076	—	—	0.1*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2019-2530	CAMO-19-181836	GELC
R-44 S1	895.0	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2530	CAMO-19-181836	GELC
R-44 S1	895.0	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.71	—	10	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-2530	CAMO-19-181836	GELC
R-44 S1	895.0	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	40.2	—	2000	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2530	CAMO-19-181836	GELC
R-44 S1	895.0	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2530	CAMO-19-181836	GELC
R-44 S1	895.0	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	17.4	—	750	18.7*[f]	µg/L	—	15.0	Y	J	J	N3B-2019-2530	CAMO-19-181836	GELC
R-44 S1	895.0	07/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.138	—	—	0.067*[f]	mg/L	—	0.067	Y	J	J-	N3B-2019-2530	CAMO-19-181836	GELC
R-44 S1	895.0	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-2530	CAMO-19-181836	GELC
R-44 S1	895.0	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	25.4	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-2530	CAMO-19-181836	GELC
R-44 S1	895.0	07/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	17.1	—	250	2.61*[f]	mg/L	—	0.335	Y	H	NQ	N3B-2019-2530	CAMO-19-181836	GELC
R-44 S1	895.0	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	6.61	—	50	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-2530	CAMO-19-181836	GELC
R-44 S1	895.0	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2530	CAMO-19-181836	GELC
R-44 S1	895.0	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-2530	CAMO-19-181836	GELC
R-44 S1	895.0	07/15/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-2530	CAMO-19-181837	GELC
R-44 S1	895.0	07/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.363	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	J-	N3B-2019-2530	CAMO-19-181836	GELC
R-44 S1	895.0	07/15/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	91.0	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-2530	CAMO-19-181836	GELC
R-44 S1	895.0	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	40.2	—	1000	53.8*[f]	µg/L	—	30.0	Y	J	J	N3B-2019-2530	CAMO-19-181836	GELC
R-44 S1	895.0	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-2530	CAMO-19-181836	GELC
R-44 S1	895.0	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.71	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-2530	CAMO-19-181836	GELC
R-44 S1	895.0	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2530	CAMO-19-181836	GELC
R-44 S1	895.0	07/15/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-2530	CAMO-19-181836	GELC
R-44 S1	895.0	07/15/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-2530	CAMO-19-181837	GELC
R-44 S1	895.0	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.681	—	1000	2.37*[f]	µg/L	—	0.2	Y	J	J	N3B-2019-2530	CAMO-19-181836	GELC
R-44 S1	895.0	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	32.4	—	200	2.75*[f]	µg/L	—	0.6	Y	—	NQ	N3B-2019-2530	CAMO-19-181836	GELC
R-44 S1	895.0	07/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.33	—	10	0.748*[f]	mg/L	—	0.085	Y	—	NQ	N3B-2019-2530	CAMO-19-181836	GELC
R-44 S1	895.0	07/15/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.328	—	13.8	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-2530	CAMO-19-181836	GELC
R-44 S1	895.0	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.6	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-2530	CAMO-19-181836	GELC
R-44 S1	895.0	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2530	CAMO-19-181836	GELC
R-44 S1	895.0	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	72.9	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-2530	CAMO-19-181836	GELC
R-44 S1	895.0	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-2530	CAMO-19-181836	GELC
R-44 S1	895.0	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	13.1	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-2530	CAMO-19-181836	GELC
R-44 S1	895.0	07/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	243.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-2530	CAMO-19-181836	GELC
R-44 S1	895.0	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	105.0	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2530	CAMO-19-181836	GELC
R-44 S1	895.0	07/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	17.7	—	600	4.51*[f]	mg/L	—	0.133	Y	—	J-	N3B-2019-2530	CAMO-19-181836	GELC
R-44 S1	895.0	07/15/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2530	CAMO-19-181836	GELC
R-44 S1	895.0	07/15/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2530	CAMO-19-181837	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-44 S1	895.0	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	2	0.45*f	µg/L	—	0.6	Y	U	U	N3B-2019-2530	CAMO-19-181836	GELC
R-44 S1	895.0	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	12000	13*f	µg/L	—	2.5	Y	U	U	N3B-2019-2530	CAMO-19-181836	GELC
R-44 S1	895.0	07/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	197.0	—	1000	159*f	mg/L	—	3.4	Y	—	NQ	N3B-2019-2530	CAMO-19-181836	GELC
R-44 S1	895.0	07/15/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0779	—	—	0.165*f	mg/L	—	0.033	Y	J	U	N3B-2019-2530	CAMO-19-181837	GELC
R-44 S1	895.0	07/15/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.51	—	—	0.982*f	mg/L	—	0.33	Y	J	J	N3B-2019-2530	CAMO-19-181837	GELC
R-44 S1	895.0	07/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0831	—	—	0.0822*f	mg/L	—	0.02	Y	—	NQ	N3B-2019-2530	CAMO-19-181836	GELC
R-44 S1	895.0	07/15/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	26.987	4.27	20000	2.06*f	pCi/L	3.28	—	Y	—	NQ	N3B-2019-2583	CAMO-19-181837	ARSL
R-44 S1	895.0	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.714	—	30	1.06*f	µg/L	—	0.067	Y	—	NQ	N3B-2019-2530	CAMO-19-181836	GELC
R-44 S1	895.0	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.8	—	63.1	10.7*f	µg/L	—	1.0	Y	J	J	N3B-2019-2530	CAMO-19-181836	GELC
R-44 S1	895.0	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	7.66	—	10000	14.4*f	µg/L	—	3.3	Y	J	U	N3B-2019-2530	CAMO-19-181836	GELC
R-44 S1	895.0	06/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.9	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-2228	CAMO-19-181675	GELC
R-44 S1	895.0	06/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-2228	CAMO-19-181675	GELC
R-44 S1	895.0	06/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.2	—	—	69.92*f	mg/L	—	1.45	Y	—	NQ	N3B-2019-2228	CAMO-19-181675	GELC
R-44 S1	895.0	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	—	68*f	µg/L	—	68.0	Y	U	U	N3B-2019-2228	CAMO-19-181675	GELC
R-44 S1	895.0	06/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.039	—	—	0.1*f	mg/L	—	0.017	Y	J	U	N3B-2019-2228	CAMO-19-181675	GELC
R-44 S1	895.0	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	—	1*f	µg/L	—	1.0	Y	U	U	N3B-2019-2228	CAMO-19-181675	GELC
R-44 S1	895.0	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.0	—	—	2.7*f	µg/L	—	2.0	Y	J	J	N3B-2019-2228	CAMO-19-181675	GELC
R-44 S1	895.0	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	36.4	—	—	37.4*f	µg/L	—	1.0	Y	—	NQ	N3B-2019-2228	CAMO-19-181675	GELC
R-44 S1	895.0	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	—	1*f	µg/L	—	1.0	Y	U	U	N3B-2019-2228	CAMO-19-181675	GELC
R-44 S1	895.0	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	—	18.7*f	µg/L	—	15.0	Y	U	U	N3B-2019-2228	CAMO-19-181675	GELC
R-44 S1	895.0	06/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.133	—	—	0.067*f	mg/L	—	0.067	Y	J	J	N3B-2019-2228	CAMO-19-181675	GELC
R-44 S1	895.0	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	—	0.11*f	µg/L	—	0.3	Y	U	U	N3B-2019-2228	CAMO-19-181675	GELC
R-44 S1	895.0	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	21.6	—	—	14.5*f	mg/L	—	0.05	Y	—	NQ	N3B-2019-2228	CAMO-19-181675	GELC
R-44 S1	895.0	06/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	17.6	—	—	2.61*f	mg/L	—	0.335	Y	—	NQ	N3B-2019-2228	CAMO-19-181675	GELC
R-44 S1	895.0	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	6.36	—	—	6.6*f	µg/L	—	3.0	Y	J	J	N3B-2019-2228	CAMO-19-181675	GELC
R-44 S1	895.0	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	—	1*f	µg/L	—	1.0	Y	U	U	N3B-2019-2228	CAMO-19-181675	GELC
R-44 S1	895.0	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	—	3*f	µg/L	—	3.0	Y	U	U	N3B-2019-2228	CAMO-19-181675	GELC
R-44 S1	895.0	06/18/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.0017*f	mg/L	—	0.00167	Y	U	U	N3B-2019-2228	CAMO-19-181676	GELC
R-44 S1	895.0	06/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.235	—	—	0.382*f	mg/L	—	0.033	Y	—	NQ	N3B-2019-2228	CAMO-19-181675	GELC
R-44 S1	895.0	06/18/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	78.5	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-2228	CAMO-19-181675	GELC
R-44 S1	895.0	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	—	53.8*f	µg/L	—	30.0	Y	U	U	N3B-2019-2228	CAMO-19-181675	GELC
R-44 S1	895.0	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	—	0.5*f	µg/L	—	0.5	Y	U	U	N3B-2019-2228	CAMO-19-181675	GELC
R-44 S1	895.0	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.98	—	—	4.11*f	mg/L	—	0.11	Y	—	NQ	N3B-2019-2228	CAMO-19-181675	GELC
R-44 S1	895.0	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	—	12.1*f	µg/L	—	2.0	Y	U	U	N3B-2019-2228	CAMO-19-181675	GELC
R-44 S1	895.0	06/18/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*f	µg/L	—	0.067	Y	U	U	N3B-2019-2228	CAMO-19-181675	GELC
R-44 S1	895.0	06/18/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*f	µg/L	—	0.067	Y	U	U	N3B-2019-2228	CAMO-19-181676	GELC
R-44 S1	895.0	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.634	—	—	2.37*f	µg/L	—	0.2	Y	J	J	N3B-2019-2228	CAMO-19-181675	GELC
R-44 S1	895.0	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	27.8	—	—	2.75*f	µg/L	—	0.6	Y	—	NQ	N3B-2019-2228	CAMO-19-181675	GELC
R-44 S1	895.0	06/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.57	—	—	0.748*f	mg/L	—	0.085	Y	—	NQ	N3B-2019-2228	CAMO-19-181675	GELC
R-44 S1	895.0	06/18/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.378	—	—	0.412*f	µg/L	—	0.05	Y	—	NQ	N3B-2019-2228	CAMO-19-181675	GELC
R-44 S1	895.0	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.47	—	—	2.357*f	mg/L	—	0.05	Y	—	J+	N3B-2019-2228	CAMO-19-181675	GELC
R-44 S1	895.0	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	—	1.5*f	µg/L	—	2.0	Y	U	U	N3B-2019-2228	CAMO-19-181675	GELC
R-44 S1	895.0	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	64.3	—	—	80.7*f	mg/L	—	0.053	Y	—	NQ	N3B-2019-2228	CAMO-19-181675	GELC
R-44 S1	895.0	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	—	0.2*f	µg/L	—	0.3	Y	U	U	N3B-2019-2228	CAMO-19-181675	GELC
R-44 S1	895.0	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.1	—	—	15.3*f	mg/L	—	0.1	Y	—	NQ	N3B-2019-2228	CAMO-19-181675	GELC
R-44 S1	895.0	06/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	248.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-2228	CAMO-19-181675	GELC
R-44 S1	895.0	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	94.8	—	—	74.4*f	µg/L	—	1.0	Y	—	NQ	N3B-2019-2228	CAMO-19-181675	GELC
R-44 S1	895.0	06/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	17.7	—	—	4.51*f	mg/L	—	0.133	Y	—	NQ	N3B-2019-2228	CAMO-19-181675	GELC
R-44 S1	895.0	06/18/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2228	CAMO-19-181675	GELC
R-44 S1	895.0	06/18/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2228	CAMO-19-181676	GELC
R-44 S1	895.0	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	—	0.45*f	µg/L	—	0.6	Y	U	U	N3B-2019-2228	CAMO-19-181675	GELC
R-44 S1	895.0	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	13*f	µg/L	—	2.5	Y	U	U	N3B-2019-2228	CAMO-19-181675	GELC
R-44 S1	895.0	06/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	217.0	—	—	159*f	mg/L	—	3.4	Y	—	NQ	N3B-2019-2228	CAMO-19-181675	GELC
R-44 S1	895.0	06/18/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.165*f	mg/L	—	0.033	Y	U	U	N3B-2019-2228	CAMO-19-181676	GELC
R-44 S1	895.0	06/18/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.982*f	mg/L	—	0.33	Y	U	U	N3B-2019-2228	CAMO-19-181676	GELC
R-44 S1	895.0	06/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	—	0.0822*f	mg/L	—	0.02	Y	U	U	N3B-2019-2228	CAMO-19-181675	GELC
R-44 S1	895.0	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.728	—	—	1.06*f	µg/L	—	0.067	Y	—	J+	N3B-2019-2228	CAMO-19-181675	GELC
R-44 S1	895.0	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.57	—	—	10.7*f	µg/L	—	1.0	Y	J	J	N3B-2019-2228	CAMO-19-181675	GELC
R-44 S1	895.0	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	5.32	—	—	14.4*f	µg/L	—	3.3	Y	J	J	N3B-2019-2228	CAMO-19-181675	GELC
R-44 S1	895.0	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.91	—	—	—	SU	—	0.01	Y	H	J-	N3B-2019-2011	CAMO-19-175148	GELC
R-44 S1	895.0	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	UH	U	N3B-2019-2011	CAMO-19-175148	GELC
R-44 S1	895.0	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66.6	—	—	69.92*f	mg/L	—	1.45	Y	H	NQ	N3B-2019-2011	CAMO-19-175148	GELC

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Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-44 S1	895.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-2011	CAMO-19-175148	GELC
R-44 S1	895.0	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0415	—	—	0.1*[f]	mg/L	—	0.017	Y	J	J	N3B-2019-2011	CAMO-19-175148	GELC
R-44 S1	895.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2011	CAMO-19-175148	GELC
R-44 S1	895.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.54	—	10	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-2011	CAMO-19-175148	GELC
R-44 S1	895.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	34.5	—	2000	37.4*[f]	µg/L	—	1.0	Y	*	NQ	N3B-2019-2011	CAMO-19-175148	GELC
R-44 S1	895.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2011	CAMO-19-175148	GELC
R-44 S1	895.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	16.5	—	750	18.7*[f]	µg/L	—	15.0	Y	J	J	N3B-2019-2011	CAMO-19-175148	GELC
R-44 S1	895.0	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.139	—	—	0.067*[f]	mg/L	—	0.067	Y	J	J	N3B-2019-2011	CAMO-19-175148	GELC
R-44 S1	895.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-2011	CAMO-19-175148	GELC
R-44 S1	895.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	22.3	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-2011	CAMO-19-175148	GELC
R-44 S1	895.0	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	16.3	—	250	2.61*[f]	mg/L	—	0.335	Y	—	NQ	N3B-2019-2011	CAMO-19-175148	GELC
R-44 S1	895.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	6.79	—	50	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-2011	CAMO-19-175148	GELC
R-44 S1	895.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2011	CAMO-19-175148	GELC
R-44 S1	895.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-2011	CAMO-19-175148	GELC
R-44 S1	895.0	05/15/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-1916	CAMO-19-175149	GELC
R-44 S1	895.0	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.268	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-2011	CAMO-19-175148	GELC
R-44 S1	895.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	83.2	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-2011	CAMO-19-175148	GELC
R-44 S1	895.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	66.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	J	J	N3B-2019-2011	CAMO-19-175148	GELC
R-44 S1	895.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-2011	CAMO-19-175148	GELC
R-44 S1	895.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.68	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-2011	CAMO-19-175148	GELC
R-44 S1	895.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2011	CAMO-19-175148	GELC
R-44 S1	895.0	05/15/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-2011	CAMO-19-175148	GELC
R-44 S1	895.0	05/15/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-2011	CAMO-19-175149	GELC
R-44 S1	895.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.519	—	1000	2.37*[f]	µg/L	—	0.2	Y	J	J	N3B-2019-2011	CAMO-19-175148	GELC
R-44 S1	895.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	20.2	—	200	2.75*[f]	µg/L	—	0.6	Y	—	NQ	N3B-2019-2011	CAMO-19-175148	GELC
R-44 S1	895.0	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.46	—	10	0.748*[f]	mg/L	—	0.085	Y	—	NQ	N3B-2019-2011	CAMO-19-175148	GELC
R-44 S1	895.0	05/15/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.355	—	13.8	0.412*[f]	µg/L	—	0.05	Y	—	J-	N3B-2019-2011	CAMO-19-175148	GELC
R-44 S1	895.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.42	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-2011	CAMO-19-175148	GELC
R-44 S1	895.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2011	CAMO-19-175148	GELC
R-44 S1	895.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.4	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-2011	CAMO-19-175148	GELC
R-44 S1	895.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-2011	CAMO-19-175148	GELC
R-44 S1	895.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.6	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-2011	CAMO-19-175148	GELC
R-44 S1	895.0	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	241.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-2011	CAMO-19-175148	GELC
R-44 S1	895.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	98.1	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2011	CAMO-19-175148	GELC
R-44 S1	895.0	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	17.0	—	600	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-2011	CAMO-19-175148	GELC
R-44 S1	895.0	05/15/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1916	CAMO-19-175149	GELC
R-44 S1	895.0	05/15/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2011	CAMO-19-175148	GELC
R-44 S1	895.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-2011	CAMO-19-175148	GELC
R-44 S1	895.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	16.8	—	12000	13*[f]	µg/L	—	2.5	Y	—	J+	N3B-2019-2011	CAMO-19-175148	GELC
R-44 S1	895.0	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	231.0	—	1000	159*[f]	mg/L	—	3.4	Y	H	NQ	N3B-2019-2011	CAMO-19-175148	GELC
R-44 S1	895.0	05/15/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.147	—	—	0.165*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-2011	CAMO-19-175149	GELC
R-44 S1	895.0	05/15/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2019-2011	CAMO-19-175149	GELC
R-44 S1	895.0	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0276	—	—	0.0822*[f]	mg/L	—	0.02	Y	J	J	N3B-2019-2011	CAMO-19-175148	GELC
R-44 S1	895.0	05/15/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	28.324	4.45	20000	2.06*[f]	pCi/L	3.111	—	Y	—	NQ	N3B-2019-1983	CAMO-19-175149	ARSL
R-44 S1	895.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.707	—	30	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-2011	CAMO-19-175148	GELC
R-44 S1	895.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.36	—	63.1	10.7*[f]	µg/L	—	1.0	Y	J	J	N3B-2019-2011	CAMO-19-175148	GELC
R-44 S1	895.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	10000	14.4*[f]	µg/L	—	3.3	Y	U	U	N3B-2019-2011	CAMO-19-175148	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.88	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-1640	CAMO-19-174813	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.79	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-1640	CAMO-19-174816	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-1640	CAMO-19-174813	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-1640	CAMO-19-174816	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.6	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-1640	CAMO-19-174813	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.4	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-1640	CAMO-19-174816	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	—	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-1640	CAMO-19-174813	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	—	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-1640	CAMO-19-174816	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.105	—	—	0.1*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2019-1640	CAMO-19-174813	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0412	—	—	0.1*[f]	mg/L	—	0.017	Y	J	J	N3B-2019-1640	CAMO-19-174816	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1640	CAMO-19-174813	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1640	CAMO-19-174816	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.46	—	—	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-1640	CAMO-19-174813	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	Y	2.24	—	—	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-1640	CAMO-19-174816	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	36.6	—	—	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1640	CAMO-19-174813	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-44 S1	895.0	04/30/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	36.9	—	—	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1640	CAMO-19-174816	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1640	CAMO-19-174813	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1640	CAMO-19-174816	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	—	18.7*[f]	µg/L	—	15.0	Y	U	U	N3B-2019-1640	CAMO-19-174813	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	—	18.7*[f]	µg/L	—	15.0	Y	U	U	N3B-2019-1640	CAMO-19-174816	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.142	—	—	0.067*[f]	mg/L	—	0.067	Y	J	J	N3B-2019-1640	CAMO-19-174813	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.146	—	—	0.067*[f]	mg/L	—	0.067	Y	J	J	N3B-2019-1640	CAMO-19-174816	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	—	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-1640	CAMO-19-174813	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	—	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-1640	CAMO-19-174816	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	22.7	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-1640	CAMO-19-174813	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	22.5	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-1640	CAMO-19-174816	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	18.2	—	—	2.61*[f]	mg/L	—	0.335	Y	—	NQ	N3B-2019-1640	CAMO-19-174813	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	18.1	—	—	2.61*[f]	mg/L	—	0.335	Y	—	NQ	N3B-2019-1640	CAMO-19-174816	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	6.66	—	—	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-1640	CAMO-19-174813	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	6.99	—	—	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-1640	CAMO-19-174816	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1640	CAMO-19-174813	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1640	CAMO-19-174816	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	—	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-1640	CAMO-19-174813	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	—	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-1640	CAMO-19-174816	GELC
R-44 S1	895.0	04/30/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-1640	CAMO-19-174812	GELC
R-44 S1	895.0	04/30/2019	WG	UF	INIT	FD	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-1640	CAMO-19-174815	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.32	—	—	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-1640	CAMO-19-174813	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.321	—	—	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-1640	CAMO-19-174816	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	81.7	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-1640	CAMO-19-174813	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	81.2	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-1640	CAMO-19-174816	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	—	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-1640	CAMO-19-174813	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	—	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-1640	CAMO-19-174816	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	—	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-1640	CAMO-19-174813	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	—	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-1640	CAMO-19-174816	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.09	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-1640	CAMO-19-174813	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.06	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-1640	CAMO-19-174816	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	—	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1640	CAMO-19-174813	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	—	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1640	CAMO-19-174816	GELC
R-44 S1	895.0	04/30/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-1640	CAMO-19-174812	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-1640	CAMO-19-174813	GELC
R-44 S1	895.0	04/30/2019	WG	UF	INIT	FD	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-1640	CAMO-19-174815	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	FD	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-1640	CAMO-19-174816	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.637	—	—	2.37*[f]	µg/L	—	0.2	Y	J	J	N3B-2019-1640	CAMO-19-174813	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.616	—	—	2.37*[f]	µg/L	—	0.2	Y	J	J	N3B-2019-1640	CAMO-19-174816	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	20.0	—	—	2.75*[f]	µg/L	—	0.6	Y	—	NQ	N3B-2019-1640	CAMO-19-174813	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	19.4	—	—	2.75*[f]	µg/L	—	0.6	Y	—	NQ	N3B-2019-1640	CAMO-19-174816	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.32	—	—	0.748*[f]	mg/L	—	0.17	Y	—	NQ	N3B-2019-1640	CAMO-19-174813	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.32	—	—	0.748*[f]	mg/L	—	0.17	Y	—	NQ	N3B-2019-1640	CAMO-19-174816	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.362	—	—	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-1640	CAMO-19-174813	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.345	—	—	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-1640	CAMO-19-174816	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.29	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-1640	CAMO-19-174813	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	1.29	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-1640	CAMO-19-174816	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	—	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1640	CAMO-19-174813	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	—	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1640	CAMO-19-174816	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.6	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-1640	CAMO-19-174813	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.1	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-1640	CAMO-19-174816	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	—	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-1640	CAMO-19-174813	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	—	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-1640	CAMO-19-174816	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.3	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-1640	CAMO-19-174813	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.3	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-1640	CAMO-19-174816	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	240.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-1640	CAMO-19-174813	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	238.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-1640	CAMO-19-174816	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	97.7	—	—	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1640	CAMO-19-174813	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	97.5	—	—	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1640	CAMO-19-174816	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	18.9	—	—	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-1640	CAMO-19-174813	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	18.9	—	—	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-1640	CAMO-19-174816	GELC
R-44 S1	895.0	04/30/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1640	CAMO-19-174812	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-44 S1	895.0	04/30/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1640	CAMO-19-174813	GELC
R-44 S1	895.0	04/30/2019	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1640	CAMO-19-174815	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1640	CAMO-19-174816	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	—	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-1640	CAMO-19-174813	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	—	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-1640	CAMO-19-174816	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2019-1640	CAMO-19-174813	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2019-1640	CAMO-19-174816	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	157.0	—	—	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-1640	CAMO-19-174813	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	184.0	—	—	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-1640	CAMO-19-174816	GELC
R-44 S1	895.0	04/30/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.165*[f]	mg/L	—	0.033	Y	U	U	N3B-2019-1640	CAMO-19-174812	GELC
R-44 S1	895.0	04/30/2019	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.165*[f]	mg/L	—	0.033	Y	U	U	N3B-2019-1640	CAMO-19-174815	GELC
R-44 S1	895.0	04/30/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.406	—	—	0.982*[f]	mg/L	—	0.33	Y	J	J	N3B-2019-1640	CAMO-19-174812	GELC
R-44 S1	895.0	04/30/2019	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.495	—	—	0.982*[f]	mg/L	—	0.33	Y	J	J	N3B-2019-1640	CAMO-19-174815	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0475	—	—	0.0822*[f]	mg/L	—	0.02	Y	J	J	N3B-2019-1640	CAMO-19-174813	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.036	—	—	0.0822*[f]	mg/L	—	0.02	Y	J	J	N3B-2019-1640	CAMO-19-174816	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.688	—	—	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-1640	CAMO-19-174813	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.673	—	—	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-1640	CAMO-19-174816	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.8	—	—	10.7*[f]	µg/L	—	1.0	Y	J	J	N3B-2019-1640	CAMO-19-174813	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.63	—	—	10.7*[f]	µg/L	—	1.0	Y	J	J	N3B-2019-1640	CAMO-19-174816	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	14.4*[f]	µg/L	—	3.3	Y	U	U	N3B-2019-1640	CAMO-19-174813	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	14.4*[f]	µg/L	—	3.3	Y	U	U	N3B-2019-1640	CAMO-19-174816	GELC
R-44 S1	895.0	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.99	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-1209	CAMO-19-167696	GELC
R-44 S1	895.0	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-1209	CAMO-19-167696	GELC
R-44 S1	895.0	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.8	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-1209	CAMO-19-167696	GELC
R-44 S1	895.0	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	—	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-1209	CAMO-19-167696	GELC
R-44 S1	895.0	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0223	—	—	0.1*[f]	mg/L	—	0.017	Y	J	J	N3B-2019-1209	CAMO-19-167696	GELC
R-44 S1	895.0	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1209	CAMO-19-167696	GELC
R-44 S1	895.0	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	2.0	—	—	2.7*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1209	CAMO-19-167696	GELC
R-44 S1	895.0	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	34.7	—	—	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1209	CAMO-19-167696	GELC
R-44 S1	895.0	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1209	CAMO-19-167696	GELC
R-44 S1	895.0	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	16.3	—	—	18.7*[f]	µg/L	—	15.0	Y	J	U	N3B-2019-1209	CAMO-19-167696	GELC
R-44 S1	895.0	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.114	—	—	0.067*[f]	mg/L	—	0.067	Y	J	J	N3B-2019-1209	CAMO-19-167696	GELC
R-44 S1	895.0	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	—	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-1209	CAMO-19-167696	GELC
R-44 S1	895.0	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	22.7	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-1209	CAMO-19-167696	GELC
R-44 S1	895.0	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	17.7	—	—	2.61*[f]	mg/L	—	0.134	Y	—	NQ	N3B-2019-1209	CAMO-19-167696	GELC
R-44 S1	895.0	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	7.35	—	—	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-1209	CAMO-19-167696	GELC
R-44 S1	895.0	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	Y	1.09	—	—	1*[f]	µg/L	—	1.0	Y	J	J	N3B-2019-1209	CAMO-19-167696	GELC
R-44 S1	895.0	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	—	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-1209	CAMO-19-167696	GELC
R-44 S1	895.0	03/20/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-1209	CAMO-19-167697	GELC
R-44 S1	895.0	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.213	—	—	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-1209	CAMO-19-167696	GELC
R-44 S1	895.0	03/20/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	81.7	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-1209	CAMO-19-167696	GELC
R-44 S1	895.0	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	—	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-1209	CAMO-19-167696	GELC
R-44 S1	895.0	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	—	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-1209	CAMO-19-167696	GELC
R-44 S1	895.0	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.07	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-1209	CAMO-19-167696	GELC
R-44 S1	895.0	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	—	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1209	CAMO-19-167696	GELC
R-44 S1	895.0	03/20/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-1209	CAMO-19-167696	GELC
R-44 S1	895.0	03/20/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-1209	CAMO-19-167697	GELC
R-44 S1	895.0	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.604	—	—	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-1209	CAMO-19-167696	GELC
R-44 S1	895.0	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	13.2	—	—	2.75*[f]	µg/L	—	0.6	Y	—	NQ	N3B-2019-1209	CAMO-19-167696	GELC
R-44 S1	895.0	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.53	—	—	0.748*[f]	mg/L	—	0.085	Y	—	NQ	N3B-2019-1209	CAMO-19-167696	GELC
R-44 S1	895.0	03/20/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.3	—	—	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-1209	CAMO-19-167696	GELC
R-44 S1	895.0	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.47	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-1209	CAMO-19-167696	GELC
R-44 S1	895.0	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	—	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1209	CAMO-19-167696	GELC
R-44 S1	895.0	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.9	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-1209	CAMO-19-167696	GELC
R-44 S1	895.0	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	—	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-1209	CAMO-19-167696	GELC
R-44 S1	895.0	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.8	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-1209	CAMO-19-167696	GELC
R-44 S1	895.0	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	231.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-1209	CAMO-19-167696	GELC
R-44 S1	895.0	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	94.0	—	—	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1209	CAMO-19-167696	GELC
R-44 S1	895.0	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	14.8	—	—	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-1209	CAMO-19-167696	GELC
R-44 S1	895.0	03/20/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1209	CAMO-19-167696	GELC
R-44 S1	895.0	03/20/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1209	CAMO-19-167697	GELC
R-44 S1	895.0	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	—	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-1209	CAMO-19-167696	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-44 S1	895.0	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2019-1209	CAMO-19-167696	GELC
R-44 S1	895.0	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	206.0	—	—	159*[f]	mg/L	—	3.4	Y	—	J+	N3B-2019-1209	CAMO-19-167696	GELC
R-44 S1	895.0	03/20/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.107	—	—	0.165*[f]	mg/L	—	0.033	Y	—	U	N3B-2019-1209	CAMO-19-167697	GELC
R-44 S1	895.0	03/20/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2019-1209	CAMO-19-167697	GELC
R-44 S1	895.0	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0624	—	—	0.0822*[f]	mg/L	—	0.02	Y	—	NQ	N3B-2019-1209	CAMO-19-167696	GELC
R-44 S1	895.0	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.67	—	—	1.06*[f]	µg/L	—	0.067	Y	—	J+	N3B-2019-1209	CAMO-19-167696	GELC
R-44 S1	895.0	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.11	—	—	10.7*[f]	µg/L	—	1.0	Y	J	J	N3B-2019-1209	CAMO-19-167696	GELC
R-44 S1	895.0	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	14.4*[f]	µg/L	—	3.3	Y	U	U	N3B-2019-1209	CAMO-19-167696	GELC
R-44 S1	895.0	02/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.84	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-896	CAMO-19-166449	GELC
R-44 S1	895.0	02/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-896	CAMO-19-166449	GELC
R-44 S1	895.0	02/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.4	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-896	CAMO-19-166449	GELC
R-44 S1	895.0	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	—	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-896	CAMO-19-166449	GELC
R-44 S1	895.0	02/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.1*[f]	mg/L	—	0.017	Y	U	U	N3B-2019-896	CAMO-19-166449	GELC
R-44 S1	895.0	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-896	CAMO-19-166449	GELC
R-44 S1	895.0	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	2.0	—	—	2.7*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-896	CAMO-19-166449	GELC
R-44 S1	895.0	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	32.7	—	—	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-896	CAMO-19-166449	GELC
R-44 S1	895.0	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-896	CAMO-19-166449	GELC
R-44 S1	895.0	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	15.4	—	—	18.7*[f]	µg/L	—	15.0	Y	J	J	N3B-2019-896	CAMO-19-166449	GELC
R-44 S1	895.0	02/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.123	—	—	0.067*[f]	mg/L	—	0.067	Y	J	J	N3B-2019-896	CAMO-19-166449	GELC
R-44 S1	895.0	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	—	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-896	CAMO-19-166449	GELC
R-44 S1	895.0	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	20.7	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-896	CAMO-19-166449	GELC
R-44 S1	895.0	02/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	14.9	—	—	2.61*[f]	mg/L	—	0.134	Y	—	NQ	N3B-2019-896	CAMO-19-166449	GELC
R-44 S1	895.0	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	9.64	—	—	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-896	CAMO-19-166449	GELC
R-44 S1	895.0	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-896	CAMO-19-166449	GELC
R-44 S1	895.0	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	—	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-896	CAMO-19-166449	GELC
R-44 S1	895.0	02/11/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-896	CAMO-19-166450	GELC
R-44 S1	895.0	02/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.205	—	—	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-896	CAMO-19-166449	GELC
R-44 S1	895.0	02/11/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	75.7	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-896	CAMO-19-166449	GELC
R-44 S1	895.0	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	—	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-896	CAMO-19-166449	GELC
R-44 S1	895.0	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	—	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-896	CAMO-19-166449	GELC
R-44 S1	895.0	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.82	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-896	CAMO-19-166449	GELC
R-44 S1	895.0	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	—	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-896	CAMO-19-166449	GELC
R-44 S1	895.0	02/11/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-896	CAMO-19-166449	GELC
R-44 S1	895.0	02/11/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-896	CAMO-19-166450	GELC
R-44 S1	895.0	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.661	—	—	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-896	CAMO-19-166449	GELC
R-44 S1	895.0	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	7.64	—	—	2.75*[f]	µg/L	—	0.6	Y	—	NQ	N3B-2019-896	CAMO-19-166449	GELC
R-44 S1	895.0	02/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.3	—	—	0.748*[f]	mg/L	—	0.085	Y	—	NQ	N3B-2019-896	CAMO-19-166449	GELC
R-44 S1	895.0	02/11/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.358	—	—	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-896	CAMO-19-166449	GELC
R-44 S1	895.0	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.36	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-896	CAMO-19-166449	GELC
R-44 S1	895.0	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	—	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-896	CAMO-19-166449	GELC
R-44 S1	895.0	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.8	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-896	CAMO-19-166449	GELC
R-44 S1	895.0	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	—	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-896	CAMO-19-166449	GELC
R-44 S1	895.0	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.4	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-896	CAMO-19-166449	GELC
R-44 S1	895.0	02/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	219.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-896	CAMO-19-166449	GELC
R-44 S1	895.0	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	89.9	—	—	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-896	CAMO-19-166449	GELC
R-44 S1	895.0	02/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	14.4	—	—	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-896	CAMO-19-166449	GELC
R-44 S1	895.0	02/11/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-896	CAMO-19-166449	GELC
R-44 S1	895.0	02/11/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-896	CAMO-19-166450	GELC
R-44 S1	895.0	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	—	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-896	CAMO-19-166449	GELC
R-44 S1	895.0	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	7.52	—	—	13*[f]	µg/L	—	2.5	Y	J	J	N3B-2019-896	CAMO-19-166449	GELC
R-44 S1	895.0	02/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	147.0	—	—	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-896	CAMO-19-166449	GELC
R-44 S1	895.0	02/11/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.165*[f]	mg/L	—	0.033	Y	U	U	N3B-2019-896	CAMO-19-166450	GELC
R-44 S1	895.0	02/11/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2019-896	CAMO-19-166450	GELC
R-44 S1	895.0	02/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0359	—	—	0.0822*[f]	mg/L	—	0.02	Y	J	U	N3B-2019-896	CAMO-19-166449	GELC
R-44 S1	895.0	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.654	—	—	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-896	CAMO-19-166449	GELC
R-44 S1	895.0	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.97	—	—	10.7*[f]	µg/L	—	1.0	Y	J	J	N3B-2019-896	CAMO-19-166449	GELC
R-44 S1	895.0	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	14.4*[f]	µg/L	—	3.3	Y	U	U	N3B-2019-896	CAMO-19-166449	GELC
R-44 S1	895.0	01/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.83	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-792	CAMO-19-165972	GELC
R-44 S1	895.0	01/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-792	CAMO-19-165972	GELC
R-44 S1	895.0	01/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	60.6	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-792	CAMO-19-165972	GELC
R-44 S1	895.0	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-792	CAMO-19-165972	GELC
R-44 S1	895.0	01/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0318	—	—	0.1*[f]	mg/L	—	0.017	Y	J	J	N3B-2019-792	CAMO-19-165972	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-44 S1	895.0	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-792	CAMO-19-165972	GELC
R-44 S1	895.0	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.37	—	10	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-792	CAMO-19-165972	GELC
R-44 S1	895.0	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	32.2	—	2000	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-792	CAMO-19-165972	GELC
R-44 S1	895.0	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-792	CAMO-19-165972	GELC
R-44 S1	895.0	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	750	18.7*[f]	µg/L	—	15.0	Y	U	U	N3B-2019-792	CAMO-19-165972	GELC
R-44 S1	895.0	01/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0896	—	—	0.067*[f]	mg/L	—	0.067	Y	J	J	N3B-2019-792	CAMO-19-165972	GELC
R-44 S1	895.0	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-792	CAMO-19-165972	GELC
R-44 S1	895.0	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	19.8	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-792	CAMO-19-165972	GELC
R-44 S1	895.0	01/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	13.9	—	250	2.61*[f]	mg/L	—	0.134	Y	—	NQ	N3B-2019-792	CAMO-19-165972	GELC
R-44 S1	895.0	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	9.12	—	50	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-792	CAMO-19-165972	GELC
R-44 S1	895.0	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-792	CAMO-19-165972	GELC
R-44 S1	895.0	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-792	CAMO-19-165972	GELC
R-44 S1	895.0	01/22/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-792	CAMO-19-165973	GELC
R-44 S1	895.0	01/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.203	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-792	CAMO-19-165972	GELC
R-44 S1	895.0	01/22/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	72.0	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-792	CAMO-19-165972	GELC
R-44 S1	895.0	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-792	CAMO-19-165972	GELC
R-44 S1	895.0	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-792	CAMO-19-165972	GELC
R-44 S1	895.0	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.45	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-792	CAMO-19-165972	GELC
R-44 S1	895.0	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-792	CAMO-19-165972	GELC
R-44 S1	895.0	01/22/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-792	CAMO-19-165972	GELC
R-44 S1	895.0	01/22/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-792	CAMO-19-165973	GELC
R-44 S1	895.0	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.676	—	1000	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-792	CAMO-19-165972	GELC
R-44 S1	895.0	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	4.82	—	200	2.75*[f]	µg/L	—	0.6	Y	—	NQ	N3B-2019-792	CAMO-19-165972	GELC
R-44 S1	895.0	01/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.01	—	10	0.748*[f]	mg/L	—	0.17	Y	—	NQ	N3B-2019-792	CAMO-19-165972	GELC
R-44 S1	895.0	01/22/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.363	—	13.8	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-792	CAMO-19-165972	GELC
R-44 S1	895.0	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.36	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-792	CAMO-19-165972	GELC
R-44 S1	895.0	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-792	CAMO-19-165972	GELC
R-44 S1	895.0	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.8	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-792	CAMO-19-165972	GELC
R-44 S1	895.0	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-792	CAMO-19-165972	GELC
R-44 S1	895.0	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.0	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-792	CAMO-19-165972	GELC
R-44 S1	895.0	01/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	211.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-792	CAMO-19-165972	GELC
R-44 S1	895.0	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	85.1	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-792	CAMO-19-165972	GELC
R-44 S1	895.0	01/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	13.8	—	600	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-792	CAMO-19-165972	GELC
R-44 S1	895.0	01/22/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-792	CAMO-19-165972	GELC
R-44 S1	895.0	01/22/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-792	CAMO-19-165973	GELC
R-44 S1	895.0	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-792	CAMO-19-165972	GELC
R-44 S1	895.0	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	12000	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2019-792	CAMO-19-165972	GELC
R-44 S1	895.0	01/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	156.0	—	1000	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-792	CAMO-19-165972	GELC
R-44 S1	895.0	01/22/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.165*[f]	mg/L	—	0.033	Y	U	U	N3B-2019-792	CAMO-19-165973	GELC
R-44 S1	895.0	01/22/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2019-792	CAMO-19-165973	GELC
R-44 S1	895.0	01/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0381	—	—	0.0822*[f]	mg/L	—	0.02	Y	J	U	N3B-2019-792	CAMO-19-165972	GELC
R-44 S1	895.0	01/22/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	21.841	3.461	20000	2.06*[f]	pCi/L	2.709	—	Y	—	NQ	N3B-2019-836	CAMO-19-165973	ARSL
R-44 S1	895.0	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.648	—	30	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-792	CAMO-19-165972	GELC
R-44 S1	895.0	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.92	—	63.1	10.7*[f]	µg/L	—	1.0	Y	J	J	N3B-2019-792	CAMO-19-165972	GELC
R-44 S1	895.0	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	10000	14.4*[f]	µg/L	—	3.3	Y	U	U	N3B-2019-792	CAMO-19-165972	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.305	—	535	—	µg/L	—	0.305	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.305	—	—	—	µg/L	—	0.305	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	14100	—	µg/L	—	1.5	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.02	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.6	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00897	0.0116	—	0.0167*[f]	pCi/L	0.0603	—	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0399	—	—	0.1*[f]	mg/L	—	0.017	Y	J	U	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.27	—	130	—	µg/L	—	4.27	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.305	—	1720	—	µg/L	—	0.305	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.27	—	10	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	3.05	—	3	—	µg/L	—	3.05	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC

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Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Azobenzene	103-33-3	N	3.05	—	1.2	—	µg/L	—	3.05	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	20.2	—	2000	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	3.97	—	0.00109	—	µg/L	—	3.97	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.305	—	0.12	—	µg/L	—	0.305	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.305	—	0.2	—	µg/L	—	0.305	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.305	—	0.343	—	µg/L	—	0.305	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.305	—	—	—	µg/L	—	0.305	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.305	—	3.43	—	µg/L	—	0.305	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.1	—	75000	—	µg/L	—	6.1	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	3.05	—	2000	—	µg/L	—	3.05	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	3.05	—	59	—	µg/L	—	3.05	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	3.05	—	0.137	—	µg/L	—	3.05	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.305	—	6	—	µg/L	—	0.305	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	750	18.7*[f]	µg/L	—	15.0	Y	U	U	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	1.34	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	3.05	—	—	—	µg/L	—	3.05	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.305	—	160	—	µg/L	—	0.305	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.7	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.814	1.36	—	2.93*[f]	pCi/L	5.34	—	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.32	—	250	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	3.05	—	1400	—	µg/L	—	3.05	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.36	—	3.7	—	µg/L	—	3.36	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	1.68	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.417	—	733	—	µg/L	—	0.417	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	3.05	—	91	—	µg/L	—	3.05	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.05	—	—	—	µg/L	—	3.05	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	5.68	—	50	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.305	—	34.3	—	µg/L	—	0.305	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.57	1.17	—	2.65*[f]	pCi/L	5.07	—	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.305	—	0.0343	—	µg/L	—	0.305	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	3.05	—	7.9	—	µg/L	—	3.05	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	3.05	—	600	—	µg/L	—	3.05	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.05	—	—	—	µg/L	—	3.05	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	3.05	—	75	—	µg/L	—	3.05	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	3.05	—	1.25	—	µg/L	—	3.05	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	3.05	—	45.3	—	µg/L	—	3.05	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.305	—	14800	—	µg/L	—	0.305	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.305	—	612	—	µg/L	—	0.305	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	3.05	—	354	—	µg/L	—	3.05	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.305	—	885	—	µg/L	—	0.305	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.05	—	1.52	—	µg/L	—	3.05	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	5.08	—	38.7	—	µg/L	—	5.08	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	3.05	—	2.37	—	µg/L	—	3.05	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	3.05	—	0.485	—	µg/L	—	3.05	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.305	—	200	—	µg/L	—	0.305	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	3.05	—	7	—	µg/L	—	3.05	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.05	—	4.59	—	µg/L	—	3.05	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	—	4.59	—	µg/L	—	0.1	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	3.05	—	122	—	µg/L	—	3.05	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.305	—	802	—	µg/L	—	0.305	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.305	—	288	—	µg/L	—	0.305	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.518	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.27	0.782	15	2.012*[f]	pCi/L	2.45	—	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	-0.13	0.583	—	3.81*[f]	pCi/L	2.09	—	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	46.6	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	3.05	—	1	—	µg/L	—	3.05	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	3.05	—	1.39	—	µg/L	—	3.05	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	3.05	—	50	—	µg/L	—	3.05	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	3.05	—	3.28	—	µg/L	—	3.05	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.305	—	0.343	—	µg/L	—	0.305	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.56	—	781	—	µg/L	—	3.56	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.23	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.305	—	11.4	—	µg/L	—	0.305	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.305	—	35.1	—	µg/L	—	0.305	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	3.05	—	930	—	µg/L	—	3.05	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.76	—	1900	—	µg/L	—	3.76	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	0.86	—	1000	2.37*[f]	µg/L	—	0.2	Y	J	J	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.305	—	1.65	—	µg/L	—	0.305	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.8	2.69	—	4.72*[f]	pCi/L	9.95	—	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	N	0.6	—	200	2.75*[f]	µg/L	—	0.6	Y	U	U	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.665	—	10	0.748*[f]	mg/L	—	0.085	Y	—	NQ	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	3.05	—	190	—	µg/L	—	3.05	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	3.05	—	—	—	µg/L	—	3.05	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	3.05	—	38	—	µg/L	—	3.05	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	3.05	—	1.4	—	µg/L	—	3.05	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	3.05	—	—	—	µg/L	—	3.05	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	3.05	—	—	—	µg/L	—	3.05	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	—	0.00167	—	µg/L	—	0.00018	Y	U	U	N3B-2020-401	CAMO-20-189166	SwRI
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.05	—	0.00167	—	µg/L	—	3.05	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00036	—	0.00491	—	µg/L	—	0.00036	Y	U	U	N3B-2020-401	CAMO-20-189166	SwRI
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.05	—	0.00491	—	µg/L	—	3.05	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.00047	—	0.0273	—	µg/L	—	0.00047	Y	U	U	N3B-2020-401	CAMO-20-189166	SwRI
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.05	—	0.0273	—	µg/L	—	3.05	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	—	0.11	—	µg/L	—	0.00018	Y	U	U	N3B-2020-401	CAMO-20-189166	SwRI
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.05	—	0.11	—	µg/L	—	3.05	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	—	0.37	—	µg/L	—	0.00033	Y	U	U	N3B-2020-401	CAMO-20-189166	SwRI
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	3.05	—	0.37	—	µg/L	—	3.05	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.05	—	9.81	—	µg/L	—	3.05	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	3.05	—	3.07	—	µg/L	—	3.05	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	3.05	—	1	—	µg/L	—	3.05	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.349	—	13.8	0.412*[f]	µg/L	—	0.05	Y	—	J	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.559	—	70	—	ng/L	—	0.559	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.678	—	70	—	ng/L	—	0.678	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.678	—	70	—	ng/L	—	0.678	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.305	—	170	—	µg/L	—	0.305	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	3.05	—	5	—	µg/L	—	3.05	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00697	0.00864	—	0.00994*[f]	pCi/L	0.0603	—	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0143	0.0122	—	0.0171*[f]	pCi/L	0.0484	—	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.32	—	—	2.357*[f]	mg/L	—	0.05	Y	—	J+	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	43.2	28.9	—	35.6*[f]	pCi/L	28.6	—	Y	UI	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.05	—	250	2.06*[f]	µg/L	—	3.05	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.305	—	117	—	µg/L	—	0.305	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	3.05	—	20	—	µg/L	—	3.05	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.154	0.102	5	—	pCi/L	0.343	—	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.154	0.271	5	—	pCi/L	—	—	Y	—	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.421	0.251	5	—	pCi/L	0.978	—	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.0	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.98	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.439	1.18	—	1.93*[f]	pCi/L	4.85	—	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	120.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	53.8	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.117	0.121	8	0.355*[f]	pCi/L	0.474	—	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.64	—	600	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.05	—	20	2.06*[f]	µg/L	—	3.05	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.05	—	1.66	—	µg/L	—	3.05	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.05	—	240	—	µg/L	—	3.05	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	12000	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	176.0	—	1000	159*[f]	mg/L	—	3.4	Y	—	J+	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.165*[f]	mg/L	—	0.033	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.444	—	—	0.982*[f]	mg/L	—	0.33	Y	J	J	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Total PFAS	PFAS-Tot-3a	N	0.0	—	70	—	ng/L	—	1.69	—	U	—	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	—	0.0822*[f]	mg/L	—	0.02	Y	U	U	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	3.05	—	70	—	µg/L	—	3.05	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	3.05	—	1170	—	µg/L	—	3.05	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	3.05	—	11.9	—	µg/L	—	3.05	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.079	0.889	20000	2.06*[f]	pCi/L	2.899	—	Y	U	U	N3B-2020-398	CAMO-20-189166	ARSL
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.448	—	30	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.332	0.0441	27.2	0.653*[f]	pCi/L	0.113	—	Y	—	NQ	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0136	0.0122	28.8	0.0423*[f]	pCi/L	0.0863	—	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.17	0.0319	30	0.322*[f]	pCi/L	0.117	—	Y	—	NQ	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.95	—	63.1	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	10000	14.4*[f]	µg/L	—	3.3	Y	U	U	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.97	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.0	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Aluminum	Al	N	19.3	—	—	68*[f]	µg/L	—	19.3	Y	U	U	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0421	—	—	0.1*[f]	mg/L	—	0.017	Y	J	J	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	3.37	—	—	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	21.5	—	—	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Beryllium	Be	N	0.2	—	—	1*[f]	µg/L	—	0.2	Y	U	U	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	—	18.7*[f]	µg/L	—	15.0	Y	U	U	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	—	—	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.3	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.2	—	—	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	5.81	—	—	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cobalt	Co	N	0.3	—	—	1*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Copper	Cu	N	0.3	—	—	3*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	09/12/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-3285	CAMO-19-186517	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.557	—	—	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	47.7	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	—	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	—	—	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.12	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	—	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	09/12/2019	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-3285	CAMO-19-186517	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-3285	CAMO-19-186518	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	0.85	—	—	2.37*[f]	µg/L	—	0.2	Y	J	J	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	N	0.6	—	—	2.75*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.646	—	—	0.748*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.344	—	—	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.24	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	2.0	—	—	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.8	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	—	—	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.62	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	118.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	52.0	—	—	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.45	—	—	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	09/12/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-3285	CAMO-19-186517	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	—	—	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	133.0	—	—	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	09/12/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.165*[f]	mg/L	—	0.033	Y	U	U	N3B-2019-3285	CAMO-19-186517	GELC
R-44 S2	985.3	09/12/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2019-3285	CAMO-19-186517	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.082	—	—	0.0822*[f]	mg/L	—	0.02	Y	—	NQ	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.419	—	—	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Vanadium	V	N	18.8	—	—	10.7*[f]	µg/L	—	3.3	Y	J	U	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Zinc	Zn	Y	4.01	—	—	14.4*[f]	µg/L	—	3.3	Y	J	J	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	08/27/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.94	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-3165	CAMO-19-184725	GELC
R-44 S2	985.3	08/27/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-3165	CAMO-19-184725	GELC
R-44 S2	985.3	08/27/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66.6	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-3165	CAMO-19-184725	GELC
R-44 S2	985.3	08/27/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	—	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-3165	CAMO-19-184725	GELC
R-44 S2	985.3	08/27/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0424	—	—	0.1*[f]	mg/L	—	0.017	Y	J	U	N3B-2019-3165	CAMO-19-184725	GELC
R-44 S2	985.3	08/27/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-3165	CAMO-19-184725	GELC
R-44 S2	985.3	08/27/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.85	—	—	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-3165	CAMO-19-184725	GELC
R-44 S2	985.3	08/27/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	22.0	—	—	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-3165	CAMO-19-184725	GELC
R-44 S2	985.3	08/27/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-3165	CAMO-19-184725	GELC
R-44 S2	985.3	08/27/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	—	18.7*[f]	µg/L	—	15.0	Y	U	U	N3B-2019-3165	CAMO-19-184725	GELC
R-44 S2	985.3	08/27/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-3165	CAMO-19-184725	GELC
R-44 S2	985.3	08/27/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	—	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-3165	CAMO-19-184725	GELC
R-44 S2	985.3	08/27/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.5	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-3165	CAMO-19-184725	GELC
R-44 S2	985.3	08/27/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.1	—	—	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-3165	CAMO-19-184725	GELC
R-44 S2	985.3	08/27/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.88	—	—	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-3165	CAMO-19-184725	GELC
R-44 S2	985.3	08/27/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-3165	CAMO-19-184725	GELC
R-44 S2	985.3	08/27/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	—	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-3165	CAMO-19-184725	GELC
R-44 S2	985.3	08/27/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-3165	CAMO-19-184726	GELC
R-44 S2	985.3	08/27/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.418	—	—	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-3165	CAMO-19-184725	GELC
R-44 S2	985.3	08/27/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	47.5	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-3165	CAMO-19-184725	GELC
R-44 S2	985.3	08/27/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	—	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-3165	CAMO-19-184725	GELC
R-44 S2	985.3	08/27/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	—	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-3165	CAMO-19-184725	GELC
R-44 S2	985.3	08/27/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.95	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-3165	CAMO-19-184725	GELC
R-44 S2	985.3	08/27/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	—	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-3165	CAMO-19-184725	GELC
R-44 S2	985.3	08/27/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-3165	CAMO-19-184725	GELC
R-44 S2	985.3	08/27/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-3165	CAMO-19-184726	GELC
R-44 S2	985.3	08/27/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	1.74	—	—	2.37*[f]	µg/L	—	0.2	Y	—	U	N3B-2019-3165	CAMO-19-184725	GELC
R-44 S2	985.3	08/27/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.69	—	—	2.75*[f]	µg/L	—	0.6	Y	J	J	N3B-2019-3165	CAMO-19-184725	GELC
R-44 S2	985.3	08/27/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.63	—	—	0.748*[f]	mg/L	—	0.085	Y	—	NQ	N3B-2019-3165	CAMO-19-184725	GELC
R-44 S2	985.3	08/27/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.352	—	—	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-3165	CAMO-19-184725	GELC
R-44 S2	985.3	08/27/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.33	—	—	2.357*[f]	mg/L	—	0.05	Y	—	J+	N3B-2019-3165	CAMO-19-184725	GELC
R-44 S2	985.3	08/27/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	—	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-3165	CAMO-19-184725	GELC
R-44 S2	985.3	08/27/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.6	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-3165	CAMO-19-184725	GELC
R-44 S2	985.3	08/27/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	—	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-3165	CAMO-19-184725	GELC
R-44 S2	985.3	08/27/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.1	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-3165	CAMO-19-184725	GELC
R-44 S2	985.3	08/27/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	117.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-3165	CAMO-19-184725	GELC
R-44 S2	985.3	08/27/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	53.2	—	—	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-3165	CAMO-19-184725	GELC
R-44 S2	985.3	08/27/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.4	—	—	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-3165	CAMO-19-184725	GELC
R-44 S2	985.3	08/27/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-3165	CAMO-19-184725	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-44 S2	985.3	08/27/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-3165	CAMO-19-184726	GELC
R-44 S2	985.3	08/27/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	—	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-3165	CAMO-19-184725	GELC
R-44 S2	985.3	08/27/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	3.32	—	—	13*[f]	µg/L	—	2.5	Y	J	J	N3B-2019-3165	CAMO-19-184725	GELC
R-44 S2	985.3	08/27/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	179.0	—	—	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-3165	CAMO-19-184725	GELC
R-44 S2	985.3	08/27/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0677	—	—	0.165*[f]	mg/L	—	0.033	Y	J	U	N3B-2019-3165	CAMO-19-184726	GELC
R-44 S2	985.3	08/27/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2019-3165	CAMO-19-184726	GELC
R-44 S2	985.3	08/27/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0687	—	—	0.0822*[f]	mg/L	—	0.02	Y	—	NQ	N3B-2019-3165	CAMO-19-184725	GELC
R-44 S2	985.3	08/27/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.465	—	—	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-3165	CAMO-19-184725	GELC
R-44 S2	985.3	08/27/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.5	—	—	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-3165	CAMO-19-184725	GELC
R-44 S2	985.3	08/27/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	5.04	—	—	14.4*[f]	µg/L	—	3.3	Y	J	U	N3B-2019-3165	CAMO-19-184725	GELC
R-44 S2	985.3	07/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.0	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-2530	CAMO-19-181850	GELC
R-44 S2	985.3	07/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-2530	CAMO-19-181850	GELC
R-44 S2	985.3	07/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.6	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-2530	CAMO-19-181850	GELC
R-44 S2	985.3	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-2530	CAMO-19-181850	GELC
R-44 S2	985.3	07/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0632	—	—	0.1*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2019-2530	CAMO-19-181850	GELC
R-44 S2	985.3	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2530	CAMO-19-181850	GELC
R-44 S2	985.3	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.87	—	10	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-2530	CAMO-19-181850	GELC
R-44 S2	985.3	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	22.2	—	2000	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2530	CAMO-19-181850	GELC
R-44 S2	985.3	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2530	CAMO-19-181850	GELC
R-44 S2	985.3	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	19.1	—	750	18.7*[f]	µg/L	—	15.0	Y	J	J	N3B-2019-2530	CAMO-19-181850	GELC
R-44 S2	985.3	07/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-2530	CAMO-19-181850	GELC
R-44 S2	985.3	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-2530	CAMO-19-181850	GELC
R-44 S2	985.3	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	13.6	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-2530	CAMO-19-181850	GELC
R-44 S2	985.3	07/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.17	—	250	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-2530	CAMO-19-181850	GELC
R-44 S2	985.3	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.76	—	50	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-2530	CAMO-19-181850	GELC
R-44 S2	985.3	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2530	CAMO-19-181850	GELC
R-44 S2	985.3	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.78	—	1000	3*[f]	µg/L	—	3.0	Y	J	U	N3B-2019-2530	CAMO-19-181850	GELC
R-44 S2	985.3	07/15/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-2530	CAMO-19-181851	GELC
R-44 S2	985.3	07/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.453	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-2530	CAMO-19-181850	GELC
R-44 S2	985.3	07/15/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	50.0	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-2530	CAMO-19-181850	GELC
R-44 S2	985.3	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-2530	CAMO-19-181850	GELC
R-44 S2	985.3	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-2530	CAMO-19-181850	GELC
R-44 S2	985.3	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.89	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-2530	CAMO-19-181850	GELC
R-44 S2	985.3	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2530	CAMO-19-181850	GELC
R-44 S2	985.3	07/15/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-2530	CAMO-19-181850	GELC
R-44 S2	985.3	07/15/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-2530	CAMO-19-181851	GELC
R-44 S2	985.3	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.879	—	1000	2.37*[f]	µg/L	—	0.2	Y	J	J	N3B-2019-2530	CAMO-19-181850	GELC
R-44 S2	985.3	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.6	—	200	2.75*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-2530	CAMO-19-181850	GELC
R-44 S2	985.3	07/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.644	—	10	0.748*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2019-2530	CAMO-19-181850	GELC
R-44 S2	985.3	07/15/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.329	—	13.8	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-2530	CAMO-19-181850	GELC
R-44 S2	985.3	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.36	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-2530	CAMO-19-181850	GELC
R-44 S2	985.3	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2530	CAMO-19-181850	GELC
R-44 S2	985.3	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	76.9	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-2530	CAMO-19-181850	GELC
R-44 S2	985.3	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-2530	CAMO-19-181850	GELC
R-44 S2	985.3	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.2	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-2530	CAMO-19-181850	GELC
R-44 S2	985.3	07/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	139.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-2530	CAMO-19-181850	GELC
R-44 S2	985.3	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	55.8	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2530	CAMO-19-181850	GELC
R-44 S2	985.3	07/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.43	—	600	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-2530	CAMO-19-181850	GELC
R-44 S2	985.3	07/15/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2530	CAMO-19-181850	GELC
R-44 S2	985.3	07/15/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2530	CAMO-19-181851	GELC
R-44 S2	985.3	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-2530	CAMO-19-181850	GELC
R-44 S2	985.3	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	12000	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2019-2530	CAMO-19-181850	GELC
R-44 S2	985.3	07/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	321.0	—	1000	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-2530	CAMO-19-181850	GELC
R-44 S2	985.3	07/15/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0645	—	—	0.165*[f]	mg/L	—	0.033	Y	J	U	N3B-2019-2530	CAMO-19-181851	GELC
R-44 S2	985.3	07/15/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2019-2530	CAMO-19-181851	GELC
R-44 S2	985.3	07/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0775	—	—	0.0822*[f]	mg/L	—	0.02	Y	—	NQ	N3B-2019-2530	CAMO-19-181850	GELC
R-44 S2	985.3	07/15/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.331	0.912	20000	2.06*[f]	pCi/L	3.1	—	Y	U	U	N3B-2019-2583	CAMO-19-181851	ARSL
R-44 S2	985.3	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.42	—	30	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-2530	CAMO-19-181850	GELC
R-44 S2	985.3	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.21	—	63.1	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2530	CAMO-19-181850	GELC
R-44 S2	985.3	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	4.5	—	10000	14.4*[f]	µg/L	—	3.3	Y	J	U	N3B-2019-2530	CAMO-19-181850	GELC
R-44 S2	985.3	06/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.04	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-2228	CAMO-19-181678	GELC
R-44 S2	985.3	06/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-2228	CAMO-19-181678	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-44 S2	985.3	06/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.4	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-2228	CAMO-19-181678	GELC
R-44 S2	985.3	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	—	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-2228	CAMO-19-181678	GELC
R-44 S2	985.3	06/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0526	—	—	0.1*[f]	mg/L	—	0.017	Y	—	U	N3B-2019-2228	CAMO-19-181678	GELC
R-44 S2	985.3	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2228	CAMO-19-181678	GELC
R-44 S2	985.3	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.35	—	—	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-2228	CAMO-19-181678	GELC
R-44 S2	985.3	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	19.8	—	—	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2228	CAMO-19-181678	GELC
R-44 S2	985.3	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2228	CAMO-19-181678	GELC
R-44 S2	985.3	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	—	18.7*[f]	µg/L	—	15.0	Y	U	U	N3B-2019-2228	CAMO-19-181678	GELC
R-44 S2	985.3	06/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-2228	CAMO-19-181678	GELC
R-44 S2	985.3	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	—	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-2228	CAMO-19-181678	GELC
R-44 S2	985.3	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.1	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-2228	CAMO-19-181678	GELC
R-44 S2	985.3	06/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.08	—	—	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-2228	CAMO-19-181678	GELC
R-44 S2	985.3	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.45	—	—	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-2228	CAMO-19-181678	GELC
R-44 S2	985.3	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2228	CAMO-19-181678	GELC
R-44 S2	985.3	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	Y	4.51	—	—	3*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-2228	CAMO-19-181678	GELC
R-44 S2	985.3	06/18/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-2228	CAMO-19-181679	GELC
R-44 S2	985.3	06/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.391	—	—	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-2228	CAMO-19-181678	GELC
R-44 S2	985.3	06/18/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	42.3	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-2228	CAMO-19-181678	GELC
R-44 S2	985.3	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	—	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-2228	CAMO-19-181678	GELC
R-44 S2	985.3	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	—	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-2228	CAMO-19-181678	GELC
R-44 S2	985.3	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.52	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-2228	CAMO-19-181678	GELC
R-44 S2	985.3	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	—	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2228	CAMO-19-181678	GELC
R-44 S2	985.3	06/18/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-2228	CAMO-19-181678	GELC
R-44 S2	985.3	06/18/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-2228	CAMO-19-181679	GELC
R-44 S2	985.3	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.899	—	—	2.37*[f]	µg/L	—	0.2	Y	J	J	N3B-2019-2228	CAMO-19-181678	GELC
R-44 S2	985.3	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.6	—	—	2.75*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-2228	CAMO-19-181678	GELC
R-44 S2	985.3	06/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.634	—	—	0.748*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2019-2228	CAMO-19-181678	GELC
R-44 S2	985.3	06/18/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.366	—	—	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-2228	CAMO-19-181678	GELC
R-44 S2	985.3	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.35	—	—	2.357*[f]	mg/L	—	0.05	Y	—	J+	N3B-2019-2228	CAMO-19-181678	GELC
R-44 S2	985.3	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	—	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2228	CAMO-19-181678	GELC
R-44 S2	985.3	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.1	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-2228	CAMO-19-181678	GELC
R-44 S2	985.3	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	—	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-2228	CAMO-19-181678	GELC
R-44 S2	985.3	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.32	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-2228	CAMO-19-181678	GELC
R-44 S2	985.3	06/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	139.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-2228	CAMO-19-181678	GELC
R-44 S2	985.3	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	49.4	—	—	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2228	CAMO-19-181678	GELC
R-44 S2	985.3	06/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.34	—	—	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-2228	CAMO-19-181678	GELC
R-44 S2	985.3	06/18/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2228	CAMO-19-181678	GELC
R-44 S2	985.3	06/18/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2228	CAMO-19-181679	GELC
R-44 S2	985.3	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	—	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-2228	CAMO-19-181678	GELC
R-44 S2	985.3	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2019-2228	CAMO-19-181678	GELC
R-44 S2	985.3	06/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	109.0	—	—	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-2228	CAMO-19-181678	GELC
R-44 S2	985.3	06/18/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.165*[f]	mg/L	—	0.033	Y	U	U	N3B-2019-2228	CAMO-19-181679	GELC
R-44 S2	985.3	06/18/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2019-2228	CAMO-19-181679	GELC
R-44 S2	985.3	06/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	—	0.0822*[f]	mg/L	—	0.02	Y	U	U	N3B-2019-2228	CAMO-19-181678	GELC
R-44 S2	985.3	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.466	—	—	1.06*[f]	µg/L	—	0.067	Y	—	J+	N3B-2019-2228	CAMO-19-181678	GELC
R-44 S2	985.3	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.47	—	—	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2228	CAMO-19-181678	GELC
R-44 S2	985.3	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	4.1	—	—	14.4*[f]	µg/L	—	3.3	Y	J	J	N3B-2019-2228	CAMO-19-181678	GELC
R-44 S2	985.3	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.02	—	—	—	SU	—	0.01	Y	H	J-	N3B-2019-2011	CAMO-19-175152	GELC
R-44 S2	985.3	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	UH	U	N3B-2019-2011	CAMO-19-175152	GELC
R-44 S2	985.3	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	68.6	—	—	69.92*[f]	mg/L	—	1.45	Y	H	NQ	N3B-2019-2011	CAMO-19-175152	GELC
R-44 S2	985.3	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-2011	CAMO-19-175152	GELC
R-44 S2	985.3	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0386	—	—	0.1*[f]	mg/L	—	0.017	Y	J	J	N3B-2019-2011	CAMO-19-175152	GELC
R-44 S2	985.3	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2011	CAMO-19-175152	GELC
R-44 S2	985.3	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.4	—	10	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-2011	CAMO-19-175152	GELC
R-44 S2	985.3	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	18.5	—	2000	37.4*[f]	µg/L	—	1.0	Y	*	NQ	N3B-2019-2011	CAMO-19-175152	GELC
R-44 S2	985.3	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2011	CAMO-19-175152	GELC
R-44 S2	985.3	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	16.4	—	750	18.7*[f]	µg/L	—	15.0	Y	J	J	N3B-2019-2011	CAMO-19-175152	GELC
R-44 S2	985.3	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-2011	CAMO-19-175152	GELC
R-44 S2	985.3	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-2011	CAMO-19-175152	GELC
R-44 S2	985.3	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.1	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-2011	CAMO-19-175152	GELC
R-44 S2	985.3	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.04	—	250	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-2011	CAMO-19-175152	GELC
R-44 S2	985.3	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.41	—	50	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-2011	CAMO-19-175152	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-44 S2	985.3	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2011	CAMO-19-175152	GELC
R-44 S2	985.3	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-2011	CAMO-19-175152	GELC
R-44 S2	985.3	05/15/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-1916	CAMO-19-175153	GELC
R-44 S2	985.3	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.416	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-2011	CAMO-19-175152	GELC
R-44 S2	985.3	05/15/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	43.6	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-2011	CAMO-19-175152	GELC
R-44 S2	985.3	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-2011	CAMO-19-175152	GELC
R-44 S2	985.3	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-2011	CAMO-19-175152	GELC
R-44 S2	985.3	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.85	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-2011	CAMO-19-175152	GELC
R-44 S2	985.3	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2011	CAMO-19-175152	GELC
R-44 S2	985.3	05/15/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-2011	CAMO-19-175152	GELC
R-44 S2	985.3	05/15/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-2011	CAMO-19-175153	GELC
R-44 S2	985.3	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.643	—	1000	2.37*[f]	µg/L	—	0.2	Y	J	J	N3B-2019-2011	CAMO-19-175152	GELC
R-44 S2	985.3	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.6	—	200	2.75*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-2011	CAMO-19-175152	GELC
R-44 S2	985.3	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.644	—	10	0.748*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2019-2011	CAMO-19-175152	GELC
R-44 S2	985.3	05/15/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.332	—	13.8	0.412*[f]	µg/L	—	0.05	Y	—	J-	N3B-2019-2011	CAMO-19-175152	GELC
R-44 S2	985.3	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.19	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-2011	CAMO-19-175152	GELC
R-44 S2	985.3	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2011	CAMO-19-175152	GELC
R-44 S2	985.3	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.7	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-2011	CAMO-19-175152	GELC
R-44 S2	985.3	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-2011	CAMO-19-175152	GELC
R-44 S2	985.3	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.43	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-2011	CAMO-19-175152	GELC
R-44 S2	985.3	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	139.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-2011	CAMO-19-175152	GELC
R-44 S2	985.3	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	49.2	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2011	CAMO-19-175152	GELC
R-44 S2	985.3	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.36	—	600	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-2011	CAMO-19-175152	GELC
R-44 S2	985.3	05/15/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1916	CAMO-19-175153	GELC
R-44 S2	985.3	05/15/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2011	CAMO-19-175152	GELC
R-44 S2	985.3	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-2011	CAMO-19-175152	GELC
R-44 S2	985.3	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	10.9	—	12000	13*[f]	µg/L	—	2.5	Y	—	U	N3B-2019-2011	CAMO-19-175152	GELC
R-44 S2	985.3	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	274.0	—	1000	159*[f]	mg/L	—	3.4	Y	H	NQ	N3B-2019-2011	CAMO-19-175152	GELC
R-44 S2	985.3	05/15/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.102	—	—	0.165*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-2011	CAMO-19-175153	GELC
R-44 S2	985.3	05/15/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2019-2011	CAMO-19-175153	GELC
R-44 S2	985.3	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0261	—	—	0.0822*[f]	mg/L	—	0.02	Y	J	J	N3B-2019-2011	CAMO-19-175152	GELC
R-44 S2	985.3	05/15/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.87	1.721	20000	2.06*[f]	pCi/L	5.859	—	Y	U	U	N3B-2019-1983	CAMO-19-175153	ARSL
R-44 S2	985.3	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.427	—	30	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-2011	CAMO-19-175152	GELC
R-44 S2	985.3	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.12	—	63.1	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2011	CAMO-19-175152	GELC
R-44 S2	985.3	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	10000	14.4*[f]	µg/L	—	3.3	Y	U	U	N3B-2019-2011	CAMO-19-175152	GELC
R-44 S2	985.3	04/30/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.07	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-1640	CAMO-19-174819	GELC
R-44 S2	985.3	04/30/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-1640	CAMO-19-174819	GELC
R-44 S2	985.3	04/30/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.6	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-1640	CAMO-19-174819	GELC
R-44 S2	985.3	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	—	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-1640	CAMO-19-174819	GELC
R-44 S2	985.3	04/30/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0594	—	—	0.1*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2019-1640	CAMO-19-174819	GELC
R-44 S2	985.3	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1640	CAMO-19-174819	GELC
R-44 S2	985.3	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	2.0	—	—	2.7*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1640	CAMO-19-174819	GELC
R-44 S2	985.3	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	20.7	—	—	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1640	CAMO-19-174819	GELC
R-44 S2	985.3	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1640	CAMO-19-174819	GELC
R-44 S2	985.3	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	—	18.7*[f]	µg/L	—	15.0	Y	U	U	N3B-2019-1640	CAMO-19-174819	GELC
R-44 S2	985.3	04/30/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-1640	CAMO-19-174819	GELC
R-44 S2	985.3	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	—	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-1640	CAMO-19-174819	GELC
R-44 S2	985.3	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.2	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-1640	CAMO-19-174819	GELC
R-44 S2	985.3	04/30/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.03	—	—	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-1640	CAMO-19-174819	GELC
R-44 S2	985.3	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.15	—	—	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-1640	CAMO-19-174819	GELC
R-44 S2	985.3	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1640	CAMO-19-174819	GELC
R-44 S2	985.3	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	—	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-1640	CAMO-19-174819	GELC
R-44 S2	985.3	04/30/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-1640	CAMO-19-174818	GELC
R-44 S2	985.3	04/30/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.328	—	—	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-1640	CAMO-19-174819	GELC
R-44 S2	985.3	04/30/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	45.7	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-1640	CAMO-19-174819	GELC
R-44 S2	985.3	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	—	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-1640	CAMO-19-174819	GELC
R-44 S2	985.3	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	—	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-1640	CAMO-19-174819	GELC
R-44 S2	985.3	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.67	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-1640	CAMO-19-174819	GELC
R-44 S2	985.3	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	—	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1640	CAMO-19-174819	GELC
R-44 S2	985.3	04/30/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-1640	CAMO-19-174818	GELC
R-44 S2	985.3	04/30/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-1640	CAMO-19-174819	GELC
R-44 S2	985.3	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.82	—	—	2.37*[f]	µg/L	—	0.2	Y	J	J	N3B-2019-1640	CAMO-19-174819	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-44 S2	985.3	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.6	—	—	2.75*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-1640	CAMO-19-174819	GELC
R-44 S2	985.3	04/30/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.626	—	—	0.748*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2019-1640	CAMO-19-174819	GELC
R-44 S2	985.3	04/30/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.325	—	—	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-1640	CAMO-19-174819	GELC
R-44 S2	985.3	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.06	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-1640	CAMO-19-174819	GELC
R-44 S2	985.3	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	—	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1640	CAMO-19-174819	GELC
R-44 S2	985.3	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.5	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-1640	CAMO-19-174819	GELC
R-44 S2	985.3	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	—	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-1640	CAMO-19-174819	GELC
R-44 S2	985.3	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.83	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-1640	CAMO-19-174819	GELC
R-44 S2	985.3	04/30/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	139.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-1640	CAMO-19-174819	GELC
R-44 S2	985.3	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	52.7	—	—	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1640	CAMO-19-174819	GELC
R-44 S2	985.3	04/30/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.61	—	—	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-1640	CAMO-19-174819	GELC
R-44 S2	985.3	04/30/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1640	CAMO-19-174818	GELC
R-44 S2	985.3	04/30/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1640	CAMO-19-174819	GELC
R-44 S2	985.3	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	—	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-1640	CAMO-19-174819	GELC
R-44 S2	985.3	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2019-1640	CAMO-19-174819	GELC
R-44 S2	985.3	04/30/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	114.0	—	—	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-1640	CAMO-19-174819	GELC
R-44 S2	985.3	04/30/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.165*[f]	mg/L	—	0.033	Y	U	U	N3B-2019-1640	CAMO-19-174818	GELC
R-44 S2	985.3	04/30/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2019-1640	CAMO-19-174818	GELC
R-44 S2	985.3	04/30/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.039	—	—	0.0822*[f]	mg/L	—	0.02	Y	J	J	N3B-2019-1640	CAMO-19-174819	GELC
R-44 S2	985.3	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.456	—	—	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-1640	CAMO-19-174819	GELC
R-44 S2	985.3	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.46	—	—	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1640	CAMO-19-174819	GELC
R-44 S2	985.3	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	14.4*[f]	µg/L	—	3.3	Y	U	U	N3B-2019-1640	CAMO-19-174819	GELC
R-44 S2	985.3	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.04	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-1209	CAMO-19-167699	GELC
R-44 S2	985.3	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-1209	CAMO-19-167699	GELC
R-44 S2	985.3	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.2	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-1209	CAMO-19-167699	GELC
R-44 S2	985.3	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	—	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-1209	CAMO-19-167699	GELC
R-44 S2	985.3	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0198	—	—	0.1*[f]	mg/L	—	0.017	Y	J	J	N3B-2019-1209	CAMO-19-167699	GELC
R-44 S2	985.3	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1209	CAMO-19-167699	GELC
R-44 S2	985.3	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	2.0	—	—	2.7*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1209	CAMO-19-167699	GELC
R-44 S2	985.3	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	21.3	—	—	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1209	CAMO-19-167699	GELC
R-44 S2	985.3	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1209	CAMO-19-167699	GELC
R-44 S2	985.3	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	16.2	—	—	18.7*[f]	µg/L	—	15.0	Y	J	U	N3B-2019-1209	CAMO-19-167699	GELC
R-44 S2	985.3	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-1209	CAMO-19-167699	GELC
R-44 S2	985.3	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	—	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-1209	CAMO-19-167699	GELC
R-44 S2	985.3	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	13.0	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-1209	CAMO-19-167699	GELC
R-44 S2	985.3	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.03	—	—	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-1209	CAMO-19-167699	GELC
R-44 S2	985.3	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.27	—	—	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-1209	CAMO-19-167699	GELC
R-44 S2	985.3	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	Y	1.51	—	—	1*[f]	µg/L	—	1.0	Y	J	J	N3B-2019-1209	CAMO-19-167699	GELC
R-44 S2	985.3	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	—	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-1209	CAMO-19-167699	GELC
R-44 S2	985.3	03/20/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.0019	—	—	0.0017*[f]	mg/L	—	0.00167	Y	J	J	N3B-2019-1209	CAMO-19-167700	GELC
R-44 S2	985.3	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.328	—	—	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-1209	CAMO-19-167699	GELC
R-44 S2	985.3	03/20/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	48.1	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-1209	CAMO-19-167699	GELC
R-44 S2	985.3	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	—	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-1209	CAMO-19-167699	GELC
R-44 S2	985.3	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	—	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-1209	CAMO-19-167699	GELC
R-44 S2	985.3	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.79	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-1209	CAMO-19-167699	GELC
R-44 S2	985.3	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	—	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1209	CAMO-19-167699	GELC
R-44 S2	985.3	03/20/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-1209	CAMO-19-167699	GELC
R-44 S2	985.3	03/20/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-1209	CAMO-19-167700	GELC
R-44 S2	985.3	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.823	—	—	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-1209	CAMO-19-167699	GELC
R-44 S2	985.3	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.6	—	—	2.75*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-1209	CAMO-19-167699	GELC
R-44 S2	985.3	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.633	—	—	0.748*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2019-1209	CAMO-19-167699	GELC
R-44 S2	985.3	03/20/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.307	—	—	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-1209	CAMO-19-167699	GELC
R-44 S2	985.3	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.3	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-1209	CAMO-19-167699	GELC
R-44 S2	985.3	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	—	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1209	CAMO-19-167699	GELC
R-44 S2	985.3	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	75.6	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-1209	CAMO-19-167699	GELC
R-44 S2	985.3	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	—	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-1209	CAMO-19-167699	GELC
R-44 S2	985.3	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.6	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-1209	CAMO-19-167699	GELC
R-44 S2	985.3	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	139.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-1209	CAMO-19-167699	GELC
R-44 S2	985.3	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	53.6	—	—	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1209	CAMO-19-167699	GELC
R-44 S2	985.3	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.5	—	—	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-1209	CAMO-19-167699	GELC
R-44 S2	985.3	03/20/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1209	CAMO-19-167699	GELC
R-44 S2	985.3	03/20/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1209	CAMO-19-167700	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-44 S2	985.3	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	—	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-1209	CAMO-19-167699	GELC
R-44 S2	985.3	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2019-1209	CAMO-19-167699	GELC
R-44 S2	985.3	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	136.0	—	—	159*[f]	mg/L	—	3.4	Y	—	J+	N3B-2019-1209	CAMO-19-167699	GELC
R-44 S2	985.3	03/20/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0439	—	—	0.165*[f]	mg/L	—	0.033	Y	J	U	N3B-2019-1209	CAMO-19-167700	GELC
R-44 S2	985.3	03/20/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2019-1209	CAMO-19-167700	GELC
R-44 S2	985.3	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0735	—	—	0.0822*[f]	mg/L	—	0.02	Y	—	NQ	N3B-2019-1209	CAMO-19-167699	GELC
R-44 S2	985.3	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	N	0.449	—	—	1.06*[f]	µg/L	—	0.067	Y	—	U	N3B-2019-1209	CAMO-19-167699	GELC
R-44 S2	985.3	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.79	—	—	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1209	CAMO-19-167699	GELC
R-44 S2	985.3	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	14.4*[f]	µg/L	—	3.3	Y	U	U	N3B-2019-1209	CAMO-19-167699	GELC
R-44 S2	985.3	02/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.97	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-896	CAMO-19-166452	GELC
R-44 S2	985.3	02/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-896	CAMO-19-166452	GELC
R-44 S2	985.3	02/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.2	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-896	CAMO-19-166452	GELC
R-44 S2	985.3	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	—	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-896	CAMO-19-166452	GELC
R-44 S2	985.3	02/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0628	—	—	0.1*[f]	mg/L	—	0.017	Y	—	U	N3B-2019-896	CAMO-19-166452	GELC
R-44 S2	985.3	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-896	CAMO-19-166452	GELC
R-44 S2	985.3	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	2.0	—	—	2.7*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-896	CAMO-19-166452	GELC
R-44 S2	985.3	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	18.8	—	—	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-896	CAMO-19-166452	GELC
R-44 S2	985.3	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-896	CAMO-19-166452	GELC
R-44 S2	985.3	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	18.1	—	—	18.7*[f]	µg/L	—	15.0	Y	J	J	N3B-2019-896	CAMO-19-166452	GELC
R-44 S2	985.3	02/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-896	CAMO-19-166452	GELC
R-44 S2	985.3	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	—	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-896	CAMO-19-166452	GELC
R-44 S2	985.3	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.4	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-896	CAMO-19-166452	GELC
R-44 S2	985.3	02/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.05	—	—	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-896	CAMO-19-166452	GELC
R-44 S2	985.3	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	6.07	—	—	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-896	CAMO-19-166452	GELC
R-44 S2	985.3	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-896	CAMO-19-166452	GELC
R-44 S2	985.3	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	—	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-896	CAMO-19-166452	GELC
R-44 S2	985.3	02/11/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-896	CAMO-19-166453	GELC
R-44 S2	985.3	02/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.373	—	—	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-896	CAMO-19-166452	GELC
R-44 S2	985.3	02/11/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	43.4	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-896	CAMO-19-166452	GELC
R-44 S2	985.3	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	—	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-896	CAMO-19-166452	GELC
R-44 S2	985.3	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	—	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-896	CAMO-19-166452	GELC
R-44 S2	985.3	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.63	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-896	CAMO-19-166452	GELC
R-44 S2	985.3	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	—	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-896	CAMO-19-166452	GELC
R-44 S2	985.3	02/11/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-896	CAMO-19-166452	GELC
R-44 S2	985.3	02/11/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-896	CAMO-19-166453	GELC
R-44 S2	985.3	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.833	—	—	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-896	CAMO-19-166452	GELC
R-44 S2	985.3	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.6	—	—	2.75*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-896	CAMO-19-166452	GELC
R-44 S2	985.3	02/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.623	—	—	0.748*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2019-896	CAMO-19-166452	GELC
R-44 S2	985.3	02/11/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.329	—	—	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-896	CAMO-19-166452	GELC
R-44 S2	985.3	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.2	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-896	CAMO-19-166452	GELC
R-44 S2	985.3	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	—	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-896	CAMO-19-166452	GELC
R-44 S2	985.3	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.1	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-896	CAMO-19-166452	GELC
R-44 S2	985.3	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	—	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-896	CAMO-19-166452	GELC
R-44 S2	985.3	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.1	—	—	15.3*[f]	mg/L	—	0.1	Y	—	J+	N3B-2019-896	CAMO-19-166452	GELC
R-44 S2	985.3	02/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	154.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-896	CAMO-19-166452	GELC
R-44 S2	985.3	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	49.6	—	—	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-896	CAMO-19-166452	GELC
R-44 S2	985.3	02/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.49	—	—	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-896	CAMO-19-166452	GELC
R-44 S2	985.3	02/11/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-896	CAMO-19-166452	GELC
R-44 S2	985.3	02/11/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-896	CAMO-19-166453	GELC
R-44 S2	985.3	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	—	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-896	CAMO-19-166452	GELC
R-44 S2	985.3	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	6.22	—	—	13*[f]	µg/L	—	2.5	Y	J	J	N3B-2019-896	CAMO-19-166452	GELC
R-44 S2	985.3	02/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	137.0	—	—	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-896	CAMO-19-166452	GELC
R-44 S2	985.3	02/11/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.165*[f]	mg/L	—	0.033	Y	U	U	N3B-2019-896	CAMO-19-166453	GELC
R-44 S2	985.3	02/11/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2019-896	CAMO-19-166453	GELC
R-44 S2	985.3	02/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0464	—	—	0.0822*[f]	mg/L	—	0.02	Y	J	U	N3B-2019-896	CAMO-19-166452	GELC
R-44 S2	985.3	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.474	—	—	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-896	CAMO-19-166452	GELC
R-44 S2	985.3	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.18	—	—	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-896	CAMO-19-166452	GELC
R-44 S2	985.3	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	14.4*[f]	µg/L	—	3.3	Y	U	U	N3B-2019-896	CAMO-19-166452	GELC
R-44 S2	985.3	01/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.97	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-792	CAMO-19-165975	GELC
R-44 S2	985.3	01/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-792	CAMO-19-165975	GELC
R-44 S2	985.3	01/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.2	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-792	CAMO-19-165975	GELC
R-44 S2	985.3	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-792	CAMO-19-165975	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-44 S2	985.3	01/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0376	—	—	0.1*[f]	mg/L	—	0.017	Y	J	J	N3B-2019-792	CAMO-19-165975	GELC
R-44 S2	985.3	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-792	CAMO-19-165975	GELC
R-44 S2	985.3	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.34	—	10	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-792	CAMO-19-165975	GELC
R-44 S2	985.3	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	20.6	—	2000	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-792	CAMO-19-165975	GELC
R-44 S2	985.3	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-792	CAMO-19-165975	GELC
R-44 S2	985.3	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	750	18.7*[f]	µg/L	—	15.0	Y	U	U	N3B-2019-792	CAMO-19-165975	GELC
R-44 S2	985.3	01/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-792	CAMO-19-165975	GELC
R-44 S2	985.3	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-792	CAMO-19-165975	GELC
R-44 S2	985.3	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.2	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-792	CAMO-19-165975	GELC
R-44 S2	985.3	01/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.15	—	250	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-792	CAMO-19-165975	GELC
R-44 S2	985.3	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.43	—	50	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-792	CAMO-19-165975	GELC
R-44 S2	985.3	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-792	CAMO-19-165975	GELC
R-44 S2	985.3	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-792	CAMO-19-165975	GELC
R-44 S2	985.3	01/22/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-792	CAMO-19-165976	GELC
R-44 S2	985.3	01/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.338	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-792	CAMO-19-165975	GELC
R-44 S2	985.3	01/22/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	45.9	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-792	CAMO-19-165975	GELC
R-44 S2	985.3	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-792	CAMO-19-165975	GELC
R-44 S2	985.3	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-792	CAMO-19-165975	GELC
R-44 S2	985.3	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.78	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-792	CAMO-19-165975	GELC
R-44 S2	985.3	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-792	CAMO-19-165975	GELC
R-44 S2	985.3	01/22/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-792	CAMO-19-165975	GELC
R-44 S2	985.3	01/22/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-792	CAMO-19-165976	GELC
R-44 S2	985.3	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.804	—	1000	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-792	CAMO-19-165975	GELC
R-44 S2	985.3	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.6	—	200	2.75*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-792	CAMO-19-165975	GELC
R-44 S2	985.3	01/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.596	—	10	0.748*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2019-792	CAMO-19-165975	GELC
R-44 S2	985.3	01/22/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.302	—	13.8	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-792	CAMO-19-165975	GELC
R-44 S2	985.3	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.21	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-792	CAMO-19-165975	GELC
R-44 S2	985.3	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-792	CAMO-19-165975	GELC
R-44 S2	985.3	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.3	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-792	CAMO-19-165975	GELC
R-44 S2	985.3	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-792	CAMO-19-165975	GELC
R-44 S2	985.3	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.77	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-792	CAMO-19-165975	GELC
R-44 S2	985.3	01/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	138.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-792	CAMO-19-165975	GELC
R-44 S2	985.3	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	51.9	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-792	CAMO-19-165975	GELC
R-44 S2	985.3	01/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.54	—	600	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-792	CAMO-19-165975	GELC
R-44 S2	985.3	01/22/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-792	CAMO-19-165975	GELC
R-44 S2	985.3	01/22/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-792	CAMO-19-165976	GELC
R-44 S2	985.3	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-792	CAMO-19-165975	GELC
R-44 S2	985.3	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	12000	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2019-792	CAMO-19-165975	GELC
R-44 S2	985.3	01/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	114.0	—	1000	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-792	CAMO-19-165975	GELC
R-44 S2	985.3	01/22/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.165*[f]	mg/L	—	0.033	Y	U	U	N3B-2019-792	CAMO-19-165976	GELC
R-44 S2	985.3	01/22/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2019-792	CAMO-19-165976	GELC
R-44 S2	985.3	01/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0422	—	—	0.0822*[f]	mg/L	—	0.02	Y	J	U	N3B-2019-792	CAMO-19-165975	GELC
R-44 S2	985.3	01/22/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-1.127	0.937	20000	2.06*[f]	pCi/L	3.186	—	Y	U	U	N3B-2019-836	CAMO-19-165976	ARSL
R-44 S2	985.3	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.508	—	30	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-792	CAMO-19-165975	GELC
R-44 S2	985.3	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.61	—	63.1	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-792	CAMO-19-165975	GELC
R-44 S2	985.3	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	10000	14.4*[f]	µg/L	—	3.3	Y	U	U	N3B-2019-792	CAMO-19-165975	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.3	—	535	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	7.3	—	14100	—	µg/L	—	1.5	Y	J	J	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.03	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.8	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00221	0.00494	—	0.0167*[f]	pCi/L	0.0446	—	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0258	—	—	0.1*[f]	mg/L	—	0.017	Y	J	U	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.2	—	130	—	µg/L	—	4.2	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.3	—	1720	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	N	2.0	—	10	2.7*[f]	µg/L	—	2.0	Y	U	U	N3B-2020-388	CAMO-20-189168	GELC

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Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	3.0	—	3	—	µg/L	—	3.0	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Azobenzene	103-33-3	N	3.0	—	1.2	—	µg/L	—	3.0	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	28.4	—	2000	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	3.9	—	0.00109	—	µg/L	—	3.9	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.3	—	0.12	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.3	—	0.2	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.3	—	0.343	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.3	—	3.43	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.0	—	75000	—	µg/L	—	6.0	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	3.0	—	2000	—	µg/L	—	3.0	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	3.0	—	59	—	µg/L	—	3.0	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	3.0	—	0.137	—	µg/L	—	3.0	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.3	—	6	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	16.4	—	750	18.7*[f]	µg/L	—	15.0	Y	J	J	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	1.34	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.3	—	160	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.8	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.679	1.79	—	2.93*[f]	pCi/L	6.16	—	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.82	—	250	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	3.0	—	1400	—	µg/L	—	3.0	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.3	—	3.7	—	µg/L	—	3.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	1.68	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.41	—	733	—	µg/L	—	0.41	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	3.0	—	91	—	µg/L	—	3.0	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	31.9	—	50	6.6*[f]	µg/L	—	3.0	Y	—	NQ	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.3	—	34.3	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.0974	1.19	—	2.65*[f]	pCi/L	4.78	—	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.3	—	0.0343	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	3.0	—	7.9	—	µg/L	—	3.0	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	3.0	—	600	—	µg/L	—	3.0	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	3.0	—	75	—	µg/L	—	3.0	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	3.0	—	1.25	—	µg/L	—	3.0	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	3.0	—	45.3	—	µg/L	—	3.0	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.3	—	14800	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.3	—	612	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	3.0	—	354	—	µg/L	—	3.0	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.3	—	885	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.0	—	1.52	—	µg/L	—	3.0	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	5.0	—	38.7	—	µg/L	—	5.0	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	3.0	—	2.37	—	µg/L	—	3.0	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	3.0	—	0.485	—	µg/L	—	3.0	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	3.0	—	7	—	µg/L	—	3.0	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.0	—	4.59	—	µg/L	—	3.0	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	—	4.59	—	µg/L	—	0.1	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	3.0	—	122	—	µg/L	—	3.0	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.3	—	802	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.3	—	288	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.391	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.386	0.743	15	2.012*[f]	pCi/L	2.97	—	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.981	0.498	—	3.81*[f]	pCi/L	1.63	—	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	64.2	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	3.0	—	1	—	µg/L	—	3.0	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	3.0	—	1.39	—	µg/L	—	3.0	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	3.0	—	50	—	µg/L	—	3.0	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	3.0	—	3.28	—	µg/L	—	3.0	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.3	—	0.343	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.5	—	781	—	µg/L	—	3.5	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.83	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.3	—	11.4	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.3	—	35.1	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	3.0	—	930	—	µg/L	—	3.0	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.7	—	1900	—	µg/L	—	3.7	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	0.788	—	1000	2.37*[f]	µg/L	—	0.2	Y	J	J	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	3.79	2.66	—	4.72*[f]	pCi/L	9.72	—	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	N	0.6	—	200	2.75*[f]	µg/L	—	0.6	Y	U	U	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.43	—	10	0.748*[f]	mg/L	—	0.085	Y	—	NQ	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	3.0	—	190	—	µg/L	—	3.0	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	3.0	—	38	—	µg/L	—	3.0	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	3.0	—	1.4	—	µg/L	—	3.0	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	—	0.00167	—	µg/L	—	0.00018	Y	U	U	N3B-2020-384	CAMO-20-189169	SwRI
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.0	—	0.00167	—	µg/L	—	3.0	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00036	—	0.00491	—	µg/L	—	0.00036	Y	U	U	N3B-2020-384	CAMO-20-189169	SwRI
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.0	—	0.00491	—	µg/L	—	3.0	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	Y	0.000479	—	0.0273	—	µg/L	—	0.00047	Y	J	J	N3B-2020-384	CAMO-20-189169	SWRI
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.0	—	0.0273	—	µg/L	—	3.0	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	—	0.11	—	µg/L	—	0.00018	Y	U	U	N3B-2020-384	CAMO-20-189169	SwRI
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.0	—	0.11	—	µg/L	—	3.0	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	—	0.37	—	µg/L	—	0.00033	Y	U	U	N3B-2020-384	CAMO-20-189169	SwRI
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	3.0	—	0.37	—	µg/L	—	3.0	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.0	—	9.81	—	µg/L	—	3.0	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	3.0	—	3.07	—	µg/L	—	3.0	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	3.0	—	1	—	µg/L	—	3.0	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.562	—	13.8	0.412*[f]	µg/L	—	0.05	Y	—	J	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.598	—	70	—	ng/L	—	0.598	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.725	—	70	—	ng/L	—	0.725	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.725	—	70	—	ng/L	—	0.725	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.3	—	170	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	3.0	—	5	—	µg/L	—	3.0	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00231	0.00765	—	0.00994*[f]	pCi/L	0.0449	—	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00692	0.0061	—	0.0171*[f]	pCi/L	0.036	—	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.49	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	37.8	18.9	—	35.6*[f]	pCi/L	80.9	—	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.0	—	250	2.06*[f]	µg/L	—	3.0	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.3	—	117	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	3.0	—	20	—	µg/L	—	3.0	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	2.31	0.317	5	—	pCi/L	0.389	—	Y	—	NQ	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	2.64	0.344	5	—	pCi/L	—	—	Y	—	NQ	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.325	0.133	5	—	pCi/L	0.407	—	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.7	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.7	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.38	1.67	—	1.93*[f]	pCi/L	5.15	—	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	157.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	78.3	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.00611	0.14	8	0.355*[f]	pCi/L	0.486	—	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.06	—	600	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.0	—	20	2.06*[f]	µg/L	—	3.0	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-388	CAMO-20-189169	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.0	—	1.66	—	µg/L	—	3.0	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.0	—	240	—	µg/L	—	3.0	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	12000	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	176.0	—	1000	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.165*[f]	mg/L	—	0.033	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.467	—	—	0.982*[f]	mg/L	—	0.33	Y	J	J	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Total PFAS	PFAS-Tot-3a	N	0.0	—	70	—	ng/L	—	1.81	—	U	—	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	—	0.0822*[f]	mg/L	—	0.02	Y	U	U	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	3.0	—	70	—	µg/L	—	3.0	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	3.0	—	1170	—	µg/L	—	3.0	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	3.0	—	11.9	—	µg/L	—	3.0	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	5.095	1.178	20000	2.06*[f]	pCi/L	2.732	—	Y	—	NQ	N3B-2020-398	CAMO-20-189169	ARSL
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.691	—	30	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.518	0.048	27.2	0.653*[f]	pCi/L	0.0827	—	Y	—	NQ	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0237	0.0134	28.8	0.0423*[f]	pCi/L	0.0596	—	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.268	0.0345	30	0.322*[f]	pCi/L	0.0966	—	Y	—	NQ	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.06	—	63.1	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	10000	14.4*[f]	µg/L	—	3.3	Y	U	U	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.93	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.6	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Aluminum	Al	N	19.3	—	—	68*[f]	µg/L	—	19.3	Y	U	U	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.1*[f]	mg/L	—	0.017	Y	U	U	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	N	2.0	—	—	2.7*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	25.9	—	—	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Beryllium	Be	N	0.2	—	—	1*[f]	µg/L	—	0.2	Y	U	U	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	—	18.7*[f]	µg/L	—	15.0	Y	U	U	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	—	—	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16.2	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.1	—	—	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	33.0	—	—	6.6*[f]	µg/L	—	3.0	Y	—	NQ	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cobalt	Co	N	0.3	—	—	1*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Copper	Cu	N	0.3	—	—	3*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	09/26/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-3594	CAMO-19-186520	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0684	—	—	0.382*[f]	mg/L	—	0.033	Y	J	J	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	58.6	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	—	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	—	—	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.44	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	—	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	09/26/2019	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	NQ	N3B-2019-3594	CAMO-19-186520	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	NQ	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	0.788	—	—	2.37*[f]	µg/L	—	0.2	Y	J	J	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	N	0.6	—	—	2.75*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.82	—	—	0.748*[f]	mg/L	—	0.085	Y	—	NQ	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.539	—	—	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.14	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	2.0	—	—	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.8	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	—	—	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.69	—	—	15.3*[f]	mg/L	—	0.1	Y	—	J+	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	153.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	70.3	—	—	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.96	—	—	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	09/26/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-3594	CAMO-19-186520	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	—	—	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	213.0	—	—	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	09/26/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.165*[f]	mg/L	—	0.033	Y	U	U	N3B-2019-3594	CAMO-19-186520	GELC
R-45 S1	880.0	09/26/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.421	—	—	0.982*[f]	mg/L	—	0.33	Y	J	J	N3B-2019-3594	CAMO-19-186520	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.144	—	—	0.0822*[f]	mg/L	—	0.02	Y	—	U	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.692	—	—	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Vanadium	V	Y	6.33	—	—	10.7*[f]	µg/L	—	3.3	Y	J	J	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Zinc	Zn	Y	3.86	—	—	14.4*[f]	µg/L	—	3.3	Y	J	J	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	08/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.01	—	—	—	SU	—	0.01	Y	H	J-	N3B-2019-3111	CAMO-19-184728	GELC
R-45 S1	880.0	08/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	UH	U	N3B-2019-3111	CAMO-19-184728	GELC
R-45 S1	880.0	08/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	67.2	—	—	69.92*[f]	mg/L	—	1.45	Y	H	NQ	N3B-2019-3111	CAMO-19-184728	GELC
R-45 S1	880.0	08/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	—	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-3111	CAMO-19-184728	GELC
R-45 S1	880.0	08/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.08	—	—	0.1*[f]	mg/L	—	0.017	Y	—	U	N3B-2019-3111	CAMO-19-184728	GELC
R-45 S1	880.0	08/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-3111	CAMO-19-184728	GELC
R-45 S1	880.0	08/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.9	—	—	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-3111	CAMO-19-184728	GELC
R-45 S1	880.0	08/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	29.6	—	—	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-3111	CAMO-19-184728	GELC
R-45 S1	880.0	08/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-3111	CAMO-19-184728	GELC
R-45 S1	880.0	08/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	16.5	—	—	18.7*[f]	µg/L	—	15.0	Y	J	J	N3B-2019-3111	CAMO-19-184728	GELC
R-45 S1	880.0	08/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-3111	CAMO-19-184728	GELC
R-45 S1	880.0	08/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	—	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-3111	CAMO-19-184728	GELC
R-45 S1	880.0	08/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	18.5	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-3111	CAMO-19-184728	GELC
R-45 S1	880.0	08/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.95	—	—	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-3111	CAMO-19-184728	GELC
R-45 S1	880.0	08/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	33.6	—	—	6.6*[f]	µg/L	—	3.0	Y	—	NQ	N3B-2019-3111	CAMO-19-184728	GELC
R-45 S1	880.0	08/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-3111	CAMO-19-184728	GELC
R-45 S1	880.0	08/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	—	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-3111	CAMO-19-184728	GELC
R-45 S1	880.0	08/23/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-3111	CAMO-19-184729	GELC
R-45 S1	880.0	08/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.518	—	—	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-3111	CAMO-19-184728	GELC
R-45 S1	880.0	08/23/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	68.4	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-3111	CAMO-19-184728	GELC
R-45 S1	880.0	08/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	—	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-3111	CAMO-19-184728	GELC
R-45 S1	880.0	08/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	—	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-3111	CAMO-19-184728	GELC
R-45 S1	880.0	08/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.4	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-3111	CAMO-19-184728	GELC
R-45 S1	880.0	08/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	—	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-3111	CAMO-19-184728	GELC
R-45 S1	880.0	08/23/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-3111	CAMO-19-184728	GELC
R-45 S1	880.0	08/23/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-3111	CAMO-19-184729	GELC
R-45 S1	880.0	08/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.828	—	—	2.37*[f]	µg/L	—	0.2	Y	J	J	N3B-2019-3111	CAMO-19-184728	GELC
R-45 S1	880.0	08/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.6	—	—	2.75*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-3111	CAMO-19-184728	GELC
R-45 S1	880.0	08/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.46	—	—	0.748*[f]	mg/L	—	0.085	Y	—	NQ	N3B-2019-3111	CAMO-19-184728	GELC
R-45 S1	880.0	08/23/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.546	—	—	0.412*[f]	µg/L	—	0.05	Y	—	J	N3B-2019-3111	CAMO-19-184728	GELC
R-45 S1	880.0	08/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.2	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-3111	CAMO-19-184728	GELC
R-45 S1	880.0	08/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	—	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-3111	CAMO-19-184728	GELC
R-45 S1	880.0	08/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.3	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-3111	CAMO-19-184728	GELC
R-45 S1	880.0	08/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	—	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-3111	CAMO-19-184728	GELC
R-45 S1	880.0	08/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.8	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-3111	CAMO-19-184728	GELC
R-45 S1	880.0	08/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	151.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-3111	CAMO-19-184728	GELC
R-45 S1	880.0	08/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	79.1	—	—	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-3111	CAMO-19-184728	GELC
R-45 S1	880.0	08/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.24	—	—	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-3111	CAMO-19-184728	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-45 S1	880.0	08/23/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	5.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-3111	CAMO-19-184728	GELC
R-45 S1	880.0	08/23/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	5.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-3111	CAMO-19-184729	GELC
R-45 S1	880.0	08/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	TI	N	0.6	—	—	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-3111	CAMO-19-184728	GELC
R-45 S1	880.0	08/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2019-3111	CAMO-19-184728	GELC
R-45 S1	880.0	08/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	236.0	—	—	159*[f]	mg/L	—	3.4	Y	—	J	N3B-2019-3111	CAMO-19-184728	GELC
R-45 S1	880.0	08/23/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.089	—	—	0.165*[f]	mg/L	—	0.033	Y	J	U	N3B-2019-3111	CAMO-19-184729	GELC
R-45 S1	880.0	08/23/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.573	—	—	0.982*[f]	mg/L	—	0.33	Y	J	J	N3B-2019-3111	CAMO-19-184729	GELC
R-45 S1	880.0	08/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.111	—	—	0.0822*[f]	mg/L	—	0.02	Y	—	U	N3B-2019-3111	CAMO-19-184728	GELC
R-45 S1	880.0	08/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.647	—	—	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-3111	CAMO-19-184728	GELC
R-45 S1	880.0	08/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.45	—	—	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-3111	CAMO-19-184728	GELC
R-45 S1	880.0	08/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	10.4	—	—	14.4*[f]	µg/L	—	3.3	Y	J	U	N3B-2019-3111	CAMO-19-184728	GELC
R-45 S1	880.0	07/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.97	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-2554	CAMO-19-181853	GELC
R-45 S1	880.0	07/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-2554	CAMO-19-181853	GELC
R-45 S1	880.0	07/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.8	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-2554	CAMO-19-181853	GELC
R-45 S1	880.0	07/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-2554	CAMO-19-181853	GELC
R-45 S1	880.0	07/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0568	—	—	0.1*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2019-2554	CAMO-19-181853	GELC
R-45 S1	880.0	07/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2554	CAMO-19-181853	GELC
R-45 S1	880.0	07/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.83	—	10	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-2554	CAMO-19-181853	GELC
R-45 S1	880.0	07/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	26.7	—	2000	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2554	CAMO-19-181853	GELC
R-45 S1	880.0	07/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2554	CAMO-19-181853	GELC
R-45 S1	880.0	07/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	750	18.7*[f]	µg/L	—	15.0	Y	U	U	N3B-2019-2554	CAMO-19-181853	GELC
R-45 S1	880.0	07/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-2554	CAMO-19-181853	GELC
R-45 S1	880.0	07/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-2554	CAMO-19-181853	GELC
R-45 S1	880.0	07/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.4	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-2554	CAMO-19-181853	GELC
R-45 S1	880.0	07/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.6	—	250	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-2554	CAMO-19-181853	GELC
R-45 S1	880.0	07/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	31.4	—	50	6.6*[f]	µg/L	—	3.0	Y	—	NQ	N3B-2019-2554	CAMO-19-181853	GELC
R-45 S1	880.0	07/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2554	CAMO-19-181853	GELC
R-45 S1	880.0	07/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-2554	CAMO-19-181853	GELC
R-45 S1	880.0	07/16/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-2554	CAMO-19-181854	GELC
R-45 S1	880.0	07/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.504	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-2554	CAMO-19-181853	GELC
R-45 S1	880.0	07/16/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	61.7	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-2554	CAMO-19-181853	GELC
R-45 S1	880.0	07/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-2554	CAMO-19-181853	GELC
R-45 S1	880.0	07/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-2554	CAMO-19-181853	GELC
R-45 S1	880.0	07/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.43	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-2554	CAMO-19-181853	GELC
R-45 S1	880.0	07/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2554	CAMO-19-181853	GELC
R-45 S1	880.0	07/16/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-2554	CAMO-19-181853	GELC
R-45 S1	880.0	07/16/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-2554	CAMO-19-181854	GELC
R-45 S1	880.0	07/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.824	—	1000	2.37*[f]	µg/L	—	0.2	Y	J	J	N3B-2019-2554	CAMO-19-181853	GELC
R-45 S1	880.0	07/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.6	—	200	2.75*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-2554	CAMO-19-181853	GELC
R-45 S1	880.0	07/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.69	—	10	0.748*[f]	mg/L	—	0.085	Y	—	NQ	N3B-2019-2554	CAMO-19-181853	GELC
R-45 S1	880.0	07/16/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.565	—	13.8	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-2554	CAMO-19-181853	GELC
R-45 S1	880.0	07/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.22	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-2554	CAMO-19-181853	GELC
R-45 S1	880.0	07/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2554	CAMO-19-181853	GELC
R-45 S1	880.0	07/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.4	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-2554	CAMO-19-181853	GELC
R-45 S1	880.0	07/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-2554	CAMO-19-181853	GELC
R-45 S1	880.0	07/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.3	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-2554	CAMO-19-181853	GELC
R-45 S1	880.0	07/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	197.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-2554	CAMO-19-181853	GELC
R-45 S1	880.0	07/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	74.4	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2554	CAMO-19-181853	GELC
R-45 S1	880.0	07/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.84	—	600	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-2554	CAMO-19-181853	GELC
R-45 S1	880.0	07/16/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2554	CAMO-19-181853	GELC
R-45 S1	880.0	07/16/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2554	CAMO-19-181854	GELC
R-45 S1	880.0	07/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	TI	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-2554	CAMO-19-181853	GELC
R-45 S1	880.0	07/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	12000	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2019-2554	CAMO-19-181853	GELC
R-45 S1	880.0	07/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	109.0	—	1000	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-2554	CAMO-19-181853	GELC
R-45 S1	880.0	07/16/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.103	—	—	0.165*[f]	mg/L	—	0.033	Y	—	U	N3B-2019-2554	CAMO-19-181854	GELC
R-45 S1	880.0	07/16/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.457	—	—	0.982*[f]	mg/L	—	0.33	Y	J	J	N3B-2019-2554	CAMO-19-181854	GELC
R-45 S1	880.0	07/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0803	—	—	0.0822*[f]	mg/L	—	0.02	Y	—	NQ	N3B-2019-2554	CAMO-19-181853	GELC
R-45 S1	880.0	07/16/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.646	1.002	20000	2.06*[f]	pCi/L	3.192	—	Y	U	U	N3B-2019-2583	CAMO-19-181854	ARSL
R-45 S1	880.0	07/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.724	—	30	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-2554	CAMO-19-181853	GELC
R-45 S1	880.0	07/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.02	—	63.1	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2554	CAMO-19-181853	GELC
R-45 S1	880.0	07/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	3.96	—	10000	14.4*[f]	µg/L	—	3.3	Y	J	J	N3B-2019-2554	CAMO-19-181853	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.98	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-2198	CAMO-19-181681	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-45 S1	880.0	06/13/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.0	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-2198	CAMO-19-181684	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-2198	CAMO-19-181681	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-2198	CAMO-19-181684	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.6	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-2198	CAMO-19-181681	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.8	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-2198	CAMO-19-181684	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	—	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-2198	CAMO-19-181681	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	—	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-2198	CAMO-19-181684	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0591	—	—	0.1*[f]	mg/L	—	0.017	Y	—	U	N3B-2019-2198	CAMO-19-181681	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0226	—	—	0.1*[f]	mg/L	—	0.017	Y	J	U	N3B-2019-2198	CAMO-19-181684	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2198	CAMO-19-181681	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2198	CAMO-19-181684	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.01	—	—	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-2198	CAMO-19-181681	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	N	2.0	—	—	2.7*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2198	CAMO-19-181684	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	27.3	—	—	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2198	CAMO-19-181681	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	27.1	—	—	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2198	CAMO-19-181684	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2198	CAMO-19-181681	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2198	CAMO-19-181684	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	15.4	—	—	18.7*[f]	µg/L	—	15.0	Y	J	J	N3B-2019-2198	CAMO-19-181681	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	Y	15.2	—	—	18.7*[f]	µg/L	—	15.0	Y	J	J	N3B-2019-2198	CAMO-19-181684	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-2198	CAMO-19-181681	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-2198	CAMO-19-181684	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	—	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-2198	CAMO-19-181681	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	—	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-2198	CAMO-19-181684	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.6	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-2198	CAMO-19-181681	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.3	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-2198	CAMO-19-181684	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.59	—	—	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-2198	CAMO-19-181681	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.72	—	—	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-2198	CAMO-19-181684	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	35.4	—	—	6.6*[f]	µg/L	—	3.0	Y	—	NQ	N3B-2019-2198	CAMO-19-181681	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	31.0	—	—	6.6*[f]	µg/L	—	3.0	Y	—	NQ	N3B-2019-2198	CAMO-19-181684	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2198	CAMO-19-181681	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2198	CAMO-19-181684	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	—	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-2198	CAMO-19-181681	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	—	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-2198	CAMO-19-181684	GELC
R-45 S1	880.0	06/13/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-2198	CAMO-19-181682	GELC
R-45 S1	880.0	06/13/2019	WG	UF	INIT	FD	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-2198	CAMO-19-181685	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.378	—	—	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-2198	CAMO-19-181681	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.356	—	—	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-2198	CAMO-19-181684	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	63.6	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-2198	CAMO-19-181681	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	62.3	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-2198	CAMO-19-181684	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	—	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-2198	CAMO-19-181681	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	—	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-2198	CAMO-19-181684	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	—	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-2198	CAMO-19-181681	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	—	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-2198	CAMO-19-181684	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.74	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-2198	CAMO-19-181681	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.63	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-2198	CAMO-19-181684	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	—	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2198	CAMO-19-181681	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	—	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2198	CAMO-19-181684	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-2198	CAMO-19-181681	GELC
R-45 S1	880.0	06/13/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-2198	CAMO-19-181682	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	FD	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-2198	CAMO-19-181684	GELC
R-45 S1	880.0	06/13/2019	WG	UF	INIT	FD	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-2198	CAMO-19-181685	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.929	—	—	2.37*[f]	µg/L	—	0.2	Y	J	J	N3B-2019-2198	CAMO-19-181681	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.832	—	—	2.37*[f]	µg/L	—	0.2	Y	J	J	N3B-2019-2198	CAMO-19-181684	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.6	—	—	2.75*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-2198	CAMO-19-181681	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	N	0.6	—	—	2.75*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-2198	CAMO-19-181684	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.78	—	—	0.748*[f]	mg/L	—	0.085	Y	—	NQ	N3B-2019-2198	CAMO-19-181681	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.66	—	—	0.748*[f]	mg/L	—	0.085	Y	—	NQ	N3B-2019-2198	CAMO-19-181684	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.61	—	—	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-2198	CAMO-19-181681	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.584	—	—	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-2198	CAMO-19-181684	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.18	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-2198	CAMO-19-181681	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	1.19	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-2198	CAMO-19-181684	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	—	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2198	CAMO-19-181681	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-45 S1	880.0	06/13/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	—	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2198	CAMO-19-181684	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.5	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-2198	CAMO-19-181681	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.1	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-2198	CAMO-19-181684	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	—	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-2198	CAMO-19-181681	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	—	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-2198	CAMO-19-181684	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.3	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-2198	CAMO-19-181681	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.3	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-2198	CAMO-19-181684	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	177.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-2198	CAMO-19-181681	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	177.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-2198	CAMO-19-181684	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	71.1	—	—	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2198	CAMO-19-181681	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	70.6	—	—	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2198	CAMO-19-181684	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.84	—	—	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-2198	CAMO-19-181681	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.83	—	—	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-2198	CAMO-19-181684	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2198	CAMO-19-181681	GELC
R-45 S1	880.0	06/13/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2198	CAMO-19-181682	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2198	CAMO-19-181684	GELC
R-45 S1	880.0	06/13/2019	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2198	CAMO-19-181685	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	—	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-2198	CAMO-19-181681	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	—	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-2198	CAMO-19-181684	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.52	—	—	13*[f]	µg/L	—	2.5	Y	J	U	N3B-2019-2198	CAMO-19-181681	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Tin	Sn	N	2.61	—	—	13*[f]	µg/L	—	2.5	Y	J	U	N3B-2019-2198	CAMO-19-181684	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	183.0	—	—	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-2198	CAMO-19-181681	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	230.0	—	—	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-2198	CAMO-19-181684	GELC
R-45 S1	880.0	06/13/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.182	—	—	0.165*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-2198	CAMO-19-181682	GELC
R-45 S1	880.0	06/13/2019	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.165*[f]	mg/L	—	0.033	Y	U	U	N3B-2019-2198	CAMO-19-181685	GELC
R-45 S1	880.0	06/13/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.349	—	—	0.982*[f]	mg/L	—	0.33	Y	J	J	N3B-2019-2198	CAMO-19-181682	GELC
R-45 S1	880.0	06/13/2019	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.392	—	—	0.982*[f]	mg/L	—	0.33	Y	J	J	N3B-2019-2198	CAMO-19-181685	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	—	0.0822*[f]	mg/L	—	0.02	Y	U	U	N3B-2019-2198	CAMO-19-181681	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	—	0.0822*[f]	mg/L	—	0.02	Y	U	U	N3B-2019-2198	CAMO-19-181684	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.749	—	—	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-2198	CAMO-19-181681	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.663	—	—	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-2198	CAMO-19-181684	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.94	—	—	10.7*[f]	µg/L	—	1.0	Y	J	J	N3B-2019-2198	CAMO-19-181681	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.04	—	—	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2198	CAMO-19-181684	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.4	—	—	14.4*[f]	µg/L	—	3.3	Y	J	U	N3B-2019-2198	CAMO-19-181681	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Zinc	Zn	N	4.19	—	—	14.4*[f]	µg/L	—	3.3	Y	J	U	N3B-2019-2198	CAMO-19-181684	GELC
R-45 S1	880.0	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.96	—	—	—	SU	—	0.01	Y	H	J-	N3B-2019-2011	CAMO-19-175155	GELC
R-45 S1	880.0	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	UH	U	N3B-2019-2011	CAMO-19-175155	GELC
R-45 S1	880.0	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66.6	—	—	69.92*[f]	mg/L	—	1.45	Y	H	NQ	N3B-2019-2011	CAMO-19-175155	GELC
R-45 S1	880.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-2011	CAMO-19-175155	GELC
R-45 S1	880.0	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0484	—	—	0.1*[f]	mg/L	—	0.017	Y	J	J	N3B-2019-2011	CAMO-19-175155	GELC
R-45 S1	880.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2011	CAMO-19-175155	GELC
R-45 S1	880.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.59	—	10	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-2011	CAMO-19-175155	GELC
R-45 S1	880.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	24.9	—	2000	37.4*[f]	µg/L	—	1.0	Y	*	NQ	N3B-2019-2011	CAMO-19-175155	GELC
R-45 S1	880.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2011	CAMO-19-175155	GELC
R-45 S1	880.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	18.0	—	750	18.7*[f]	µg/L	—	15.0	Y	J	J	N3B-2019-2011	CAMO-19-175155	GELC
R-45 S1	880.0	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-2011	CAMO-19-175155	GELC
R-45 S1	880.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-2011	CAMO-19-175155	GELC
R-45 S1	880.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16.4	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-2011	CAMO-19-175155	GELC
R-45 S1	880.0	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.48	—	250	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-2011	CAMO-19-175155	GELC
R-45 S1	880.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	30.0	—	50	6.6*[f]	µg/L	—	3.0	Y	—	NQ	N3B-2019-2011	CAMO-19-175155	GELC
R-45 S1	880.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2011	CAMO-19-175155	GELC
R-45 S1	880.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-2011	CAMO-19-175155	GELC
R-45 S1	880.0	05/15/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-1916	CAMO-19-175156	GELC
R-45 S1	880.0	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.386	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-2011	CAMO-19-175155	GELC
R-45 S1	880.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	61.4	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-2011	CAMO-19-175155	GELC
R-45 S1	880.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-2011	CAMO-19-175155	GELC
R-45 S1	880.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-2011	CAMO-19-175155	GELC
R-45 S1	880.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.99	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-2011	CAMO-19-175155	GELC
R-45 S1	880.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2011	CAMO-19-175155	GELC
R-45 S1	880.0	05/15/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-2011	CAMO-19-175155	GELC
R-45 S1	880.0	05/15/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-2011	CAMO-19-175156	GELC
R-45 S1	880.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.621	—	1000	2.37*[f]	µg/L	—	0.2	Y	J	J	N3B-2019-2011	CAMO-19-175155	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-45 S1	880.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.6	—	200	2.75*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-2011	CAMO-19-175155	GELC
R-45 S1	880.0	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.62	—	10	0.748*[f]	mg/L	—	0.085	Y	—	NQ	N3B-2019-2011	CAMO-19-175155	GELC
R-45 S1	880.0	05/15/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.54	—	13.8	0.412*[f]	µg/L	—	0.05	Y	—	J-	N3B-2019-2011	CAMO-19-175155	GELC
R-45 S1	880.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.11	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-2011	CAMO-19-175155	GELC
R-45 S1	880.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2011	CAMO-19-175155	GELC
R-45 S1	880.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.7	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-2011	CAMO-19-175155	GELC
R-45 S1	880.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-2011	CAMO-19-175155	GELC
R-45 S1	880.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.3	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-2011	CAMO-19-175155	GELC
R-45 S1	880.0	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	176.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-2011	CAMO-19-175155	GELC
R-45 S1	880.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	73.1	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2011	CAMO-19-175155	GELC
R-45 S1	880.0	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.7	—	600	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-2011	CAMO-19-175155	GELC
R-45 S1	880.0	05/15/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1916	CAMO-19-175156	GELC
R-45 S1	880.0	05/15/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2011	CAMO-19-175155	GELC
R-45 S1	880.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-2011	CAMO-19-175155	GELC
R-45 S1	880.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	17.1	—	12000	13*[f]	µg/L	—	2.5	Y	—	J+	N3B-2019-2011	CAMO-19-175155	GELC
R-45 S1	880.0	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	214.0	—	1000	159*[f]	mg/L	—	3.4	Y	H	NQ	N3B-2019-2011	CAMO-19-175155	GELC
R-45 S1	880.0	05/15/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.165*[f]	mg/L	—	0.033	Y	U	U	N3B-2019-2011	CAMO-19-175156	GELC
R-45 S1	880.0	05/15/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2019-2011	CAMO-19-175156	GELC
R-45 S1	880.0	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0246	—	—	0.0822*[f]	mg/L	—	0.02	Y	J	J	N3B-2019-2011	CAMO-19-175155	GELC
R-45 S1	880.0	05/15/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.809	0.79	20000	2.06*[f]	pCi/L	2.596	—	Y	U	U	N3B-2019-1983	CAMO-19-175156	ARSL
R-45 S1	880.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.636	—	30	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-2011	CAMO-19-175155	GELC
R-45 S1	880.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.79	—	63.1	10.7*[f]	µg/L	—	1.0	Y	J	J	N3B-2019-2011	CAMO-19-175155	GELC
R-45 S1	880.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	10000	14.4*[f]	µg/L	—	3.3	Y	U	U	N3B-2019-2011	CAMO-19-175155	GELC
R-45 S1	880.0	04/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.98	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-1632	CAMO-19-174822	GELC
R-45 S1	880.0	04/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-1632	CAMO-19-174822	GELC
R-45 S1	880.0	04/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66.2	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-1632	CAMO-19-174822	GELC
R-45 S1	880.0	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	—	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-1632	CAMO-19-174822	GELC
R-45 S1	880.0	04/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.1*[f]	mg/L	—	0.017	Y	U	U	N3B-2019-1632	CAMO-19-174822	GELC
R-45 S1	880.0	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1632	CAMO-19-174822	GELC
R-45 S1	880.0	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.19	—	—	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-1632	CAMO-19-174822	GELC
R-45 S1	880.0	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	27.2	—	—	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1632	CAMO-19-174822	GELC
R-45 S1	880.0	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1632	CAMO-19-174822	GELC
R-45 S1	880.0	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	18.7	—	—	18.7*[f]	µg/L	—	15.0	Y	J	J	N3B-2019-1632	CAMO-19-174822	GELC
R-45 S1	880.0	04/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-1632	CAMO-19-174822	GELC
R-45 S1	880.0	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	—	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-1632	CAMO-19-174822	GELC
R-45 S1	880.0	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	18.5	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-1632	CAMO-19-174822	GELC
R-45 S1	880.0	04/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.1	—	—	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-1632	CAMO-19-174822	GELC
R-45 S1	880.0	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	30.7	—	—	6.6*[f]	µg/L	—	3.0	Y	—	NQ	N3B-2019-1632	CAMO-19-174822	GELC
R-45 S1	880.0	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1632	CAMO-19-174822	GELC
R-45 S1	880.0	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	—	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-1632	CAMO-19-174822	GELC
R-45 S1	880.0	04/26/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-1632	CAMO-19-174821	GELC
R-45 S1	880.0	04/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.491	—	—	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-1632	CAMO-19-174822	GELC
R-45 S1	880.0	04/26/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	68.7	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-1632	CAMO-19-174822	GELC
R-45 S1	880.0	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	—	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-1632	CAMO-19-174822	GELC
R-45 S1	880.0	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	—	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-1632	CAMO-19-174822	GELC
R-45 S1	880.0	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.45	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-1632	CAMO-19-174822	GELC
R-45 S1	880.0	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	—	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1632	CAMO-19-174822	GELC
R-45 S1	880.0	04/26/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-1632	CAMO-19-174821	GELC
R-45 S1	880.0	04/26/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-1632	CAMO-19-174822	GELC
R-45 S1	880.0	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.801	—	—	2.37*[f]	µg/L	—	0.2	Y	J	J	N3B-2019-1632	CAMO-19-174822	GELC
R-45 S1	880.0	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.6	—	—	2.75*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-1632	CAMO-19-174822	GELC
R-45 S1	880.0	04/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.57	—	—	0.748*[f]	mg/L	—	0.17	Y	—	NQ	N3B-2019-1632	CAMO-19-174822	GELC
R-45 S1	880.0	04/26/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.55	—	—	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-1632	CAMO-19-174822	GELC
R-45 S1	880.0	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.23	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-1632	CAMO-19-174822	GELC
R-45 S1	880.0	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	—	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1632	CAMO-19-174822	GELC
R-45 S1	880.0	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.0	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-1632	CAMO-19-174822	GELC
R-45 S1	880.0	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	—	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-1632	CAMO-19-174822	GELC
R-45 S1	880.0	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.9	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-1632	CAMO-19-174822	GELC
R-45 S1	880.0	04/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	179.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-1632	CAMO-19-174822	GELC
R-45 S1	880.0	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	77.5	—	—	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1632	CAMO-19-174822	GELC
R-45 S1	880.0	04/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.68	—	—	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-1632	CAMO-19-174822	GELC
R-45 S1	880.0	04/26/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1632	CAMO-19-174821	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-45 S1	880.0	04/26/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1632	CAMO-19-174822	GELC
R-45 S1	880.0	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	—	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-1632	CAMO-19-174822	GELC
R-45 S1	880.0	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	7.23	—	—	13*[f]	µg/L	—	2.5	Y	J	J	N3B-2019-1632	CAMO-19-174822	GELC
R-45 S1	880.0	04/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	141.0	—	—	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-1632	CAMO-19-174822	GELC
R-45 S1	880.0	04/26/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.165*[f]	mg/L	—	0.033	Y	U	U	N3B-2019-1632	CAMO-19-174821	GELC
R-45 S1	880.0	04/26/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.4	—	—	0.982*[f]	mg/L	—	0.33	Y	J	J	N3B-2019-1632	CAMO-19-174821	GELC
R-45 S1	880.0	04/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0533	—	—	0.0822*[f]	mg/L	—	0.02	Y	—	U	N3B-2019-1632	CAMO-19-174822	GELC
R-45 S1	880.0	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.65	—	—	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-1632	CAMO-19-174822	GELC
R-45 S1	880.0	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.05	—	—	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1632	CAMO-19-174822	GELC
R-45 S1	880.0	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	14.4*[f]	µg/L	—	3.3	Y	U	U	N3B-2019-1632	CAMO-19-174822	GELC
R-45 S1	880.0	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.92	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-1131	CAMO-19-167702	GELC
R-45 S1	880.0	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-1131	CAMO-19-167702	GELC
R-45 S1	880.0	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66.2	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-1131	CAMO-19-167702	GELC
R-45 S1	880.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	—	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-1131	CAMO-19-167702	GELC
R-45 S1	880.0	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0256	—	—	0.1*[f]	mg/L	—	0.017	Y	J	J	N3B-2019-1131	CAMO-19-167702	GELC
R-45 S1	880.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1131	CAMO-19-167702	GELC
R-45 S1	880.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.35	—	—	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-1131	CAMO-19-167702	GELC
R-45 S1	880.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	26.9	—	—	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1131	CAMO-19-167702	GELC
R-45 S1	880.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1131	CAMO-19-167702	GELC
R-45 S1	880.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	15.7	—	—	18.7*[f]	µg/L	—	15.0	Y	J	J	N3B-2019-1131	CAMO-19-167702	GELC
R-45 S1	880.0	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0869	—	—	0.067*[f]	mg/L	—	0.067	Y	J	J	N3B-2019-1131	CAMO-19-167702	GELC
R-45 S1	880.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	—	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-1131	CAMO-19-167702	GELC
R-45 S1	880.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.2	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-1131	CAMO-19-167702	GELC
R-45 S1	880.0	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.06	—	—	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-1131	CAMO-19-167702	GELC
R-45 S1	880.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	35.0	—	—	6.6*[f]	µg/L	—	3.0	Y	—	NQ	N3B-2019-1131	CAMO-19-167702	GELC
R-45 S1	880.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1131	CAMO-19-167702	GELC
R-45 S1	880.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	—	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-1131	CAMO-19-167702	GELC
R-45 S1	880.0	03/14/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-1131	CAMO-19-167703	GELC
R-45 S1	880.0	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.324	—	—	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-1131	CAMO-19-167702	GELC
R-45 S1	880.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	62.1	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-1131	CAMO-19-167702	GELC
R-45 S1	880.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	—	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-1131	CAMO-19-167702	GELC
R-45 S1	880.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	—	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-1131	CAMO-19-167702	GELC
R-45 S1	880.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.63	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-1131	CAMO-19-167702	GELC
R-45 S1	880.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	—	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1131	CAMO-19-167702	GELC
R-45 S1	880.0	03/14/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-1131	CAMO-19-167702	GELC
R-45 S1	880.0	03/14/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-1131	CAMO-19-167703	GELC
R-45 S1	880.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.772	—	—	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-1131	CAMO-19-167702	GELC
R-45 S1	880.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.6	—	—	2.75*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-1131	CAMO-19-167702	GELC
R-45 S1	880.0	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.81	—	—	0.748*[f]	mg/L	—	0.085	Y	—	NQ	N3B-2019-1131	CAMO-19-167702	GELC
R-45 S1	880.0	03/14/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.555	—	—	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-1131	CAMO-19-167702	GELC
R-45 S1	880.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.07	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-1131	CAMO-19-167702	GELC
R-45 S1	880.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	—	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1131	CAMO-19-167702	GELC
R-45 S1	880.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.6	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-1131	CAMO-19-167702	GELC
R-45 S1	880.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	—	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-1131	CAMO-19-167702	GELC
R-45 S1	880.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.1	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-1131	CAMO-19-167702	GELC
R-45 S1	880.0	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	186.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-1131	CAMO-19-167702	GELC
R-45 S1	880.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	74.3	—	—	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1131	CAMO-19-167702	GELC
R-45 S1	880.0	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.54	—	—	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-1131	CAMO-19-167702	GELC
R-45 S1	880.0	03/14/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1131	CAMO-19-167702	GELC
R-45 S1	880.0	03/14/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1131	CAMO-19-167703	GELC
R-45 S1	880.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	—	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-1131	CAMO-19-167702	GELC
R-45 S1	880.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2019-1131	CAMO-19-167702	GELC
R-45 S1	880.0	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	167.0	—	—	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-1131	CAMO-19-167702	GELC
R-45 S1	880.0	03/14/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.165*[f]	mg/L	—	0.033	Y	U	U	N3B-2019-1131	CAMO-19-167703	GELC
R-45 S1	880.0	03/14/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.419	—	—	0.982*[f]	mg/L	—	0.33	Y	J	J	N3B-2019-1131	CAMO-19-167703	GELC
R-45 S1	880.0	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0243	—	—	0.0822*[f]	mg/L	—	0.02	Y	J	U	N3B-2019-1131	CAMO-19-167702	GELC
R-45 S1	880.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.705	—	—	1.06*[f]	µg/L	—	0.067	Y	—	J+	N3B-2019-1131	CAMO-19-167702	GELC
R-45 S1	880.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.85	—	—	10.7*[f]	µg/L	—	1.0	Y	J	J	N3B-2019-1131	CAMO-19-167702	GELC
R-45 S1	880.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	14.4*[f]	µg/L	—	3.3	Y	U	U	N3B-2019-1131	CAMO-19-167702	GELC
R-45 S1	880.0	02/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.9	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-902	CAMO-19-166455	GELC
R-45 S1	880.0	02/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-902	CAMO-19-166455	GELC
R-45 S1	880.0	02/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.8	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-902	CAMO-19-166455	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-45 S1	880.0	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	—	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-902	CAMO-19-166455	GELC
R-45 S1	880.0	02/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0469	—	—	0.1*[f]	mg/L	—	0.017	Y	J	U	N3B-2019-902	CAMO-19-166455	GELC
R-45 S1	880.0	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-902	CAMO-19-166455	GELC
R-45 S1	880.0	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	2.0	—	—	2.7*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-902	CAMO-19-166455	GELC
R-45 S1	880.0	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	28.3	—	—	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-902	CAMO-19-166455	GELC
R-45 S1	880.0	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-902	CAMO-19-166455	GELC
R-45 S1	880.0	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	20.2	—	—	18.7*[f]	µg/L	—	15.0	Y	J	J	N3B-2019-902	CAMO-19-166455	GELC
R-45 S1	880.0	02/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0844	—	—	0.067*[f]	mg/L	—	0.067	Y	J	J	N3B-2019-902	CAMO-19-166455	GELC
R-45 S1	880.0	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	—	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-902	CAMO-19-166455	GELC
R-45 S1	880.0	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	18.1	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-902	CAMO-19-166455	GELC
R-45 S1	880.0	02/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.84	—	—	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-902	CAMO-19-166455	GELC
R-45 S1	880.0	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	37.4	—	—	6.6*[f]	µg/L	—	3.0	Y	—	NQ	N3B-2019-902	CAMO-19-166455	GELC
R-45 S1	880.0	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-902	CAMO-19-166455	GELC
R-45 S1	880.0	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	—	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-902	CAMO-19-166455	GELC
R-45 S1	880.0	02/12/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-902	CAMO-19-166456	GELC
R-45 S1	880.0	02/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.387	—	—	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-902	CAMO-19-166455	GELC
R-45 S1	880.0	02/12/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	65.9	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-902	CAMO-19-166455	GELC
R-45 S1	880.0	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	—	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-902	CAMO-19-166455	GELC
R-45 S1	880.0	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	—	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-902	CAMO-19-166455	GELC
R-45 S1	880.0	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.02	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-902	CAMO-19-166455	GELC
R-45 S1	880.0	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	—	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-902	CAMO-19-166455	GELC
R-45 S1	880.0	02/12/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-902	CAMO-19-166455	GELC
R-45 S1	880.0	02/12/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-902	CAMO-19-166456	GELC
R-45 S1	880.0	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.795	—	—	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-902	CAMO-19-166455	GELC
R-45 S1	880.0	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.647	—	—	2.75*[f]	µg/L	—	0.6	Y	J	J	N3B-2019-902	CAMO-19-166455	GELC
R-45 S1	880.0	02/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.63	—	—	0.748*[f]	mg/L	—	0.085	Y	—	NQ	N3B-2019-902	CAMO-19-166455	GELC
R-45 S1	880.0	02/12/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.591	—	—	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-902	CAMO-19-166455	GELC
R-45 S1	880.0	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.22	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-902	CAMO-19-166455	GELC
R-45 S1	880.0	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	—	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-902	CAMO-19-166455	GELC
R-45 S1	880.0	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.2	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-902	CAMO-19-166455	GELC
R-45 S1	880.0	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	—	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-902	CAMO-19-166455	GELC
R-45 S1	880.0	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.8	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-902	CAMO-19-166455	GELC
R-45 S1	880.0	02/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	197.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-902	CAMO-19-166455	GELC
R-45 S1	880.0	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	76.9	—	—	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-902	CAMO-19-166455	GELC
R-45 S1	880.0	02/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.31	—	—	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-902	CAMO-19-166455	GELC
R-45 S1	880.0	02/12/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-902	CAMO-19-166455	GELC
R-45 S1	880.0	02/12/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-902	CAMO-19-166456	GELC
R-45 S1	880.0	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	—	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-902	CAMO-19-166455	GELC
R-45 S1	880.0	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2019-902	CAMO-19-166455	GELC
R-45 S1	880.0	02/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	114.0	—	—	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-902	CAMO-19-166455	GELC
R-45 S1	880.0	02/12/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.165*[f]	mg/L	—	0.033	Y	U	U	N3B-2019-902	CAMO-19-166456	GELC
R-45 S1	880.0	02/12/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.351	—	—	0.982*[f]	mg/L	—	0.33	Y	J	J	N3B-2019-902	CAMO-19-166456	GELC
R-45 S1	880.0	02/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0414	—	—	0.0822*[f]	mg/L	—	0.02	Y	J	U	N3B-2019-902	CAMO-19-166455	GELC
R-45 S1	880.0	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.755	—	—	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-902	CAMO-19-166455	GELC
R-45 S1	880.0	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.93	—	—	10.7*[f]	µg/L	—	1.0	Y	J	J	N3B-2019-902	CAMO-19-166455	GELC
R-45 S1	880.0	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	14.4*[f]	µg/L	—	3.3	Y	U	U	N3B-2019-902	CAMO-19-166455	GELC
R-45 S1	880.0	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.91	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-761	CAMO-19-165978	GELC
R-45 S1	880.0	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-761	CAMO-19-165978	GELC
R-45 S1	880.0	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	68.4	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-761	CAMO-19-165978	GELC
R-45 S1	880.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-761	CAMO-19-165978	GELC
R-45 S1	880.0	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0235	—	—	0.1*[f]	mg/L	—	0.017	Y	J	J	N3B-2019-761	CAMO-19-165978	GELC
R-45 S1	880.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-761	CAMO-19-165978	GELC
R-45 S1	880.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.42	—	10	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-761	CAMO-19-165978	GELC
R-45 S1	880.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	26.5	—	2000	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-761	CAMO-19-165978	GELC
R-45 S1	880.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-761	CAMO-19-165978	GELC
R-45 S1	880.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	750	18.7*[f]	µg/L	—	15.0	Y	U	U	N3B-2019-761	CAMO-19-165978	GELC
R-45 S1	880.0	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0758	—	—	0.067*[f]	mg/L	—	0.067	Y	J	J	N3B-2019-761	CAMO-19-165978	GELC
R-45 S1	880.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-761	CAMO-19-165978	GELC
R-45 S1	880.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16.9	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-761	CAMO-19-165978	GELC
R-45 S1	880.0	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.17	—	250	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-761	CAMO-19-165978	GELC
R-45 S1	880.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	38.9	—	50	6.6*[f]	µg/L	—	3.0	Y	—	NQ	N3B-2019-761	CAMO-19-165978	GELC
R-45 S1	880.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-761	CAMO-19-165978	GELC

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Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-45 S1	880.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-761	CAMO-19-165978	GELC
R-45 S1	880.0	01/15/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-761	CAMO-19-165979	GELC
R-45 S1	880.0	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.297	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-761	CAMO-19-165978	GELC
R-45 S1	880.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	61.8	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-761	CAMO-19-165978	GELC
R-45 S1	880.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-761	CAMO-19-165978	GELC
R-45 S1	880.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-761	CAMO-19-165978	GELC
R-45 S1	880.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.76	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-761	CAMO-19-165978	GELC
R-45 S1	880.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-761	CAMO-19-165978	GELC
R-45 S1	880.0	01/15/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-761	CAMO-19-165978	GELC
R-45 S1	880.0	01/15/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-761	CAMO-19-165979	GELC
R-45 S1	880.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.797	—	1000	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-761	CAMO-19-165978	GELC
R-45 S1	880.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.635	—	200	2.75*[f]	µg/L	—	0.6	Y	J	J	N3B-2019-761	CAMO-19-165978	GELC
R-45 S1	880.0	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.7	—	10	0.748*[f]	mg/L	—	0.085	Y	—	NQ	N3B-2019-761	CAMO-19-165978	GELC
R-45 S1	880.0	01/15/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.61	—	13.8	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-761	CAMO-19-165978	GELC
R-45 S1	880.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.19	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-761	CAMO-19-165978	GELC
R-45 S1	880.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-761	CAMO-19-165978	GELC
R-45 S1	880.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.1	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-761	CAMO-19-165978	GELC
R-45 S1	880.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-761	CAMO-19-165978	GELC
R-45 S1	880.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.3	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-761	CAMO-19-165978	GELC
R-45 S1	880.0	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	182.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-761	CAMO-19-165978	GELC
R-45 S1	880.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	72.2	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-761	CAMO-19-165978	GELC
R-45 S1	880.0	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.7	—	600	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-761	CAMO-19-165978	GELC
R-45 S1	880.0	01/15/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-761	CAMO-19-165978	GELC
R-45 S1	880.0	01/15/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-761	CAMO-19-165979	GELC
R-45 S1	880.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-761	CAMO-19-165978	GELC
R-45 S1	880.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	7.84	—	12000	13*[f]	µg/L	—	2.5	Y	J	U	N3B-2019-761	CAMO-19-165978	GELC
R-45 S1	880.0	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	231.0	—	1000	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-761	CAMO-19-165978	GELC
R-45 S1	880.0	01/15/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0527	—	—	0.165*[f]	mg/L	—	0.033	Y	J	J	N3B-2019-761	CAMO-19-165979	GELC
R-45 S1	880.0	01/15/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.361	—	—	0.982*[f]	mg/L	—	0.33	Y	J	J	N3B-2019-761	CAMO-19-165979	GELC
R-45 S1	880.0	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0318	—	—	0.0822*[f]	mg/L	—	0.02	Y	J	U	N3B-2019-761	CAMO-19-165978	GELC
R-45 S1	880.0	01/15/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	5.007	1.277	20000	2.06*[f]	pCi/L	3.203	—	Y	—	NQ	N3B-2019-773	CAMO-19-165979	ARSL
R-45 S1	880.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.7	—	30	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-761	CAMO-19-165978	GELC
R-45 S1	880.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.53	—	63.1	10.7*[f]	µg/L	—	1.0	Y	J	J	N3B-2019-761	CAMO-19-165978	GELC
R-45 S1	880.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	4.97	—	10000	14.4*[f]	µg/L	—	3.3	Y	J	U	N3B-2019-761	CAMO-19-165978	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.302	—	535	—	µg/L	—	0.302	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.302	—	—	—	µg/L	—	0.302	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	3.18	—	14100	—	µg/L	—	1.5	Y	J	J	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.17	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	72.5	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0146	0.0142	—	0.0167*[f]	pCi/L	0.049	—	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0194	—	—	0.1*[f]	mg/L	—	0.017	Y	J	U	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.23	—	130	—	µg/L	—	4.23	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.302	—	1720	—	µg/L	—	0.302	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.26	—	10	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	3.02	—	3	—	µg/L	—	3.02	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Azobenzene	103-33-3	N	3.02	—	1.2	—	µg/L	—	3.02	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	32.6	—	2000	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	3.93	—	0.00109	—	µg/L	—	3.93	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.302	—	0.12	—	µg/L	—	0.302	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.302	—	0.2	—	µg/L	—	0.302	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.302	—	0.343	—	µg/L	—	0.302	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.302	—	—	—	µg/L	—	0.302	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.302	—	3.43	—	µg/L	—	0.302	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.04	—	75000	—	µg/L	—	6.04	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	3.02	—	2000	—	µg/L	—	3.02	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	3.02	—	59	—	µg/L	—	3.02	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	3.02	—	0.137	—	µg/L	—	3.02	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.302	—	6	—	µg/L	—	0.302	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	19.1	—	750	18.7*[f]	µg/L	—	15.0	Y	J	J	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	1.34	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	3.02	—	—	—	µg/L	—	3.02	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.302	—	160	—	µg/L	—	0.302	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	18.1	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.82	1.6	—	2.93*[f]	pCi/L	5.45	—	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.08	—	250	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	3.02	—	1400	—	µg/L	—	3.02	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.32	—	3.7	—	µg/L	—	3.32	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	1.68	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.413	—	733	—	µg/L	—	0.413	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	3.02	—	91	—	µg/L	—	3.02	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.02	—	—	—	µg/L	—	3.02	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	35.2	—	50	6.6*[f]	µg/L	—	3.0	Y	—	NQ	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.302	—	34.3	—	µg/L	—	0.302	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.766	1.18	—	2.65*[f]	pCi/L	4.38	—	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.302	—	0.0343	—	µg/L	—	0.302	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	3.02	—	7.9	—	µg/L	—	3.02	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	3.02	—	600	—	µg/L	—	3.02	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.02	—	—	—	µg/L	—	3.02	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	3.02	—	75	—	µg/L	—	3.02	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	3.02	—	1.25	—	µg/L	—	3.02	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	3.02	—	45.3	—	µg/L	—	3.02	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.302	—	14800	—	µg/L	—	0.302	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.302	—	612	—	µg/L	—	0.302	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	3.02	—	354	—	µg/L	—	3.02	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.302	—	885	—	µg/L	—	0.302	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.02	—	1.52	—	µg/L	—	3.02	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	5.03	—	38.7	—	µg/L	—	5.03	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	3.02	—	2.37	—	µg/L	—	3.02	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	3.02	—	0.485	—	µg/L	—	3.02	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.302	—	200	—	µg/L	—	0.302	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	3.02	—	7	—	µg/L	—	3.02	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.02	—	4.59	—	µg/L	—	3.02	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	—	4.59	—	µg/L	—	0.1	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	3.02	—	122	—	µg/L	—	3.02	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.302	—	802	—	µg/L	—	0.302	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.302	—	288	—	µg/L	—	0.302	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.463	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.96	0.932	15	2.012*[f]	pCi/L	2.84	—	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.28	0.511	—	3.81*[f]	pCi/L	1.59	—	Y	—	NQ	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	66.6	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	3.02	—	1	—	µg/L	—	3.02	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	3.02	—	1.39	—	µg/L	—	3.02	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	3.02	—	50	—	µg/L	—	3.02	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	3.02	—	3.28	—	µg/L	—	3.02	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.302	—	0.343	—	µg/L	—	0.302	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.52	—	781	—	µg/L	—	3.52	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.22	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.302	—	11.4	—	µg/L	—	0.302	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.302	—	35.1	—	µg/L	—	0.302	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	3.02	—	930	—	µg/L	—	3.02	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.73	—	1900	—	µg/L	—	3.73	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	0.903	—	1000	2.37*[f]	µg/L	—	0.2	Y	J	J	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.302	—	1.65	—	µg/L	—	0.302	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.43	2.55	—	4.72*[f]	pCi/L	8.45	—	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	2.84	—	200	2.75*[f]	µg/L	—	0.6	Y	—	NQ	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.973	—	10	0.748*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2020-388	CAMO-20-189171	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	3.02	—	190	—	µg/L	—	3.02	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	3.02	—	—	—	µg/L	—	3.02	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	3.02	—	38	—	µg/L	—	3.02	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	3.02	—	1.4	—	µg/L	—	3.02	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	3.02	—	—	—	µg/L	—	3.02	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	3.02	—	—	—	µg/L	—	3.02	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	—	0.00167	—	µg/L	—	0.00018	Y	U	U	N3B-2020-384	CAMO-20-189172	SwRI
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.02	—	0.00167	—	µg/L	—	3.02	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00036	—	0.00491	—	µg/L	—	0.00036	Y	U	U	N3B-2020-384	CAMO-20-189172	SwRI
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.02	—	0.00491	—	µg/L	—	3.02	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.00047	—	0.0273	—	µg/L	—	0.00047	Y	U	UJ	N3B-2020-384	CAMO-20-189172	SwRI
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.02	—	0.0273	—	µg/L	—	3.02	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	—	0.11	—	µg/L	—	0.00018	Y	U	U	N3B-2020-384	CAMO-20-189172	SwRI
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.02	—	0.11	—	µg/L	—	3.02	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	—	0.37	—	µg/L	—	0.00033	Y	U	U	N3B-2020-384	CAMO-20-189172	SwRI
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	3.02	—	0.37	—	µg/L	—	3.02	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.02	—	9.81	—	µg/L	—	3.02	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	3.02	—	3.07	—	µg/L	—	3.02	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	3.02	—	1	—	µg/L	—	3.02	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.449	—	13.8	0.412*[f]	µg/L	—	0.05	Y	—	J	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.607	—	70	—	ng/L	—	0.607	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.735	—	70	—	ng/L	—	0.735	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.735	—	70	—	ng/L	—	0.735	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.302	—	170	—	µg/L	—	0.302	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	3.02	—	5	—	µg/L	—	3.02	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.000000000876	0.00643	—	0.00994*[f]	pCi/L	0.0511	—	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00263	0.00695	—	0.0171*[f]	pCi/L	0.0409	—	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.66	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	6.38	17.7	—	35.6*[f]	pCi/L	70.2	—	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.02	—	250	2.06*[f]	µg/L	—	3.02	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.302	—	117	—	µg/L	—	0.302	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	3.02	—	20	—	µg/L	—	3.02	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.437	0.223	5	—	pCi/L	0.706	—	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	1.02	0.302	5	—	pCi/L	—	—	Y	—	NQ	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.579	0.204	5	—	pCi/L	0.625	—	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.6	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.4	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.68	1.6	—	1.93*[f]	pCi/L	5.76	—	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	156.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	75.2	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0667	0.14	8	0.355*[f]	pCi/L	0.487	—	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	12.4	—	600	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.02	—	20	2.06*[f]	µg/L	—	3.02	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.02	—	1.66	—	µg/L	—	3.02	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.02	—	240	—	µg/L	—	3.02	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	12000	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	189.0	—	1000	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.165*[f]	mg/L	—	0.033	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.759	—	—	0.982*[f]	mg/L	—	0.33	Y	J	J	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Total PFAS	PFAS-Tot-3a	N	0.0	—	70	—	ng/L	—	1.84	—	U	—	N3B-2020-388	CAMO-20-189172	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0209	—	—	0.0822*[f]	mg/L	—	0.02	Y	J	J	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	3.02	—	70	—	µg/L	—	3.02	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	3.02	—	1170	—	µg/L	—	3.02	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	3.02	—	11.9	—	µg/L	—	3.02	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	7.067	1.469	20000	2.06*[f]	pCi/L	3.022	—	Y	—	NQ	N3B-2020-398	CAMO-20-189172	ARSL
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.673	—	30	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.623	0.0541	27.2	0.653*[f]	pCi/L	0.0866	—	Y	—	NQ	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.011	0.012	28.8	0.0423*[f]	pCi/L	0.0625	—	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.319	0.0387	30	0.322*[f]	pCi/L	0.101	—	Y	—	NQ	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.74	—	63.1	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	10000	14.4*[f]	µg/L	—	3.3	Y	U	U	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.19	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	73.9	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Aluminum	Al	N	19.3	—	—	68*[f]	µg/L	—	19.3	Y	U	U	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.1*[f]	mg/L	—	0.017	Y	U	U	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	N	2.0	—	—	2.7*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	29.0	—	—	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Beryllium	Be	N	0.2	—	—	1*[f]	µg/L	—	0.2	Y	U	U	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	17.2	—	—	18.7*[f]	µg/L	—	15.0	Y	J	J	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	—	—	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16.2	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.08	—	—	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	36.4	—	—	6.6*[f]	µg/L	—	3.0	Y	—	NQ	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cobalt	Co	N	0.3	—	—	1*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Copper	Cu	N	0.3	—	—	3*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	09/26/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-3594	CAMO-19-186526	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0692	—	—	0.382*[f]	mg/L	—	0.033	Y	J	J	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	59.8	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	—	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	—	—	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.72	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	—	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	09/26/2019	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-3594	CAMO-19-186526	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	0.917	—	—	2.37*[f]	µg/L	—	0.2	Y	J	J	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	3.88	—	—	2.75*[f]	µg/L	—	0.6	Y	—	NQ	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.08	—	—	0.748*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.458	—	—	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.27	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	2.0	—	—	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.6	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	—	—	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.2	—	—	15.3*[f]	mg/L	—	0.1	Y	—	J+	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	156.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	66.8	—	—	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-3594	CAMO-19-186527	GELC

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Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.16	—	—	4.51*f	mg/L	—	0.133	Y	—	NQ	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	09/26/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-3594	CAMO-19-186526	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	—	—	0.45*f	µg/L	—	0.6	Y	U	U	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	13*f	µg/L	—	2.5	Y	U	U	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	176.0	—	—	159*f	mg/L	—	3.4	Y	—	NQ	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	09/26/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0418	—	—	0.165*f	mg/L	—	0.033	Y	J	U	N3B-2019-3594	CAMO-19-186526	GELC
R-45 S2	974.9	09/26/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.669	—	—	0.982*f	mg/L	—	0.33	Y	J	J	N3B-2019-3594	CAMO-19-186526	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.134	—	—	0.0822*f	mg/L	—	0.02	Y	—	U	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.699	—	—	1.06*f	µg/L	—	0.067	Y	—	NQ	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Vanadium	V	Y	7.41	—	—	10.7*f	µg/L	—	3.3	Y	J	J	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Zinc	Zn	Y	3.41	—	—	14.4*f	µg/L	—	3.3	Y	J	J	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.18	—	—	—	SU	—	0.01	Y	H	J-	N3B-2019-3111	CAMO-19-184731	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.19	—	—	—	SU	—	0.01	Y	H	J-	N3B-2019-3111	CAMO-19-184734	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	UH	U	N3B-2019-3111	CAMO-19-184731	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	UH	U	N3B-2019-3111	CAMO-19-184734	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	75.9	—	—	69.92*f	mg/L	—	1.45	Y	H	NQ	N3B-2019-3111	CAMO-19-184731	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	73.1	—	—	69.92*f	mg/L	—	1.45	Y	H	NQ	N3B-2019-3111	CAMO-19-184734	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	—	68*f	µg/L	—	68.0	Y	U	U	N3B-2019-3111	CAMO-19-184731	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	—	68*f	µg/L	—	68.0	Y	U	U	N3B-2019-3111	CAMO-19-184734	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0249	—	—	0.1*f	mg/L	—	0.017	Y	J	U	N3B-2019-3111	CAMO-19-184731	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0368	—	—	0.1*f	mg/L	—	0.017	Y	J	U	N3B-2019-3111	CAMO-19-184734	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	—	1*f	µg/L	—	1.0	Y	U	U	N3B-2019-3111	CAMO-19-184731	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	—	1*f	µg/L	—	1.0	Y	U	U	N3B-2019-3111	CAMO-19-184734	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.22	—	—	2.7*f	µg/L	—	2.0	Y	J	J	N3B-2019-3111	CAMO-19-184731	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	Y	2.65	—	—	2.7*f	µg/L	—	2.0	Y	J	J	N3B-2019-3111	CAMO-19-184734	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	32.7	—	—	37.4*f	µg/L	—	1.0	Y	—	NQ	N3B-2019-3111	CAMO-19-184731	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	32.9	—	—	37.4*f	µg/L	—	1.0	Y	—	NQ	N3B-2019-3111	CAMO-19-184734	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	—	1*f	µg/L	—	1.0	Y	U	U	N3B-2019-3111	CAMO-19-184731	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	—	1*f	µg/L	—	1.0	Y	U	U	N3B-2019-3111	CAMO-19-184734	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	21.5	—	—	18.7*f	µg/L	—	15.0	Y	J	J	N3B-2019-3111	CAMO-19-184731	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	Y	20.3	—	—	18.7*f	µg/L	—	15.0	Y	J	J	N3B-2019-3111	CAMO-19-184734	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*f	mg/L	—	0.067	Y	U	U	N3B-2019-3111	CAMO-19-184731	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*f	mg/L	—	0.067	Y	U	U	N3B-2019-3111	CAMO-19-184734	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	—	0.11*f	µg/L	—	0.3	Y	U	U	N3B-2019-3111	CAMO-19-184731	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	—	0.11*f	µg/L	—	0.3	Y	U	U	N3B-2019-3111	CAMO-19-184734	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.9	—	—	14.5*f	mg/L	—	0.05	Y	—	NQ	N3B-2019-3111	CAMO-19-184731	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.9	—	—	14.5*f	mg/L	—	0.05	Y	—	NQ	N3B-2019-3111	CAMO-19-184734	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.16	—	—	2.61*f	mg/L	—	0.067	Y	—	NQ	N3B-2019-3111	CAMO-19-184731	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.14	—	—	2.61*f	mg/L	—	0.067	Y	—	NQ	N3B-2019-3111	CAMO-19-184734	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	36.1	—	—	6.6*f	µg/L	—	3.0	Y	—	NQ	N3B-2019-3111	CAMO-19-184731	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	34.8	—	—	6.6*f	µg/L	—	3.0	Y	—	NQ	N3B-2019-3111	CAMO-19-184734	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	—	1*f	µg/L	—	1.0	Y	U	U	N3B-2019-3111	CAMO-19-184731	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	—	1*f	µg/L	—	1.0	Y	U	U	N3B-2019-3111	CAMO-19-184734	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	—	3*f	µg/L	—	3.0	Y	U	U	N3B-2019-3111	CAMO-19-184731	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	—	3*f	µg/L	—	3.0	Y	U	U	N3B-2019-3111	CAMO-19-184734	GELC
R-45 S2	974.9	08/23/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.0017*f	mg/L	—	0.00167	Y	U	U	N3B-2019-3111	CAMO-19-184732	GELC
R-45 S2	974.9	08/23/2019	WG	UF	INIT	FD	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.0017*f	mg/L	—	0.00167	Y	U	U	N3B-2019-3111	CAMO-19-184735	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.588	—	—	0.382*f	mg/L	—	0.033	Y	—	NQ	N3B-2019-3111	CAMO-19-184731	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.589	—	—	0.382*f	mg/L	—	0.033	Y	—	NQ	N3B-2019-3111	CAMO-19-184734	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	68.4	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-3111	CAMO-19-184731	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	68.3	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-3111	CAMO-19-184734	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	—	53.8*f	µg/L	—	30.0	Y	U	U	N3B-2019-3111	CAMO-19-184731	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	—	53.8*f	µg/L	—	30.0	Y	U	U	N3B-2019-3111	CAMO-19-184734	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	—	0.5*f	µg/L	—	0.5	Y	U	U	N3B-2019-3111	CAMO-19-184731	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	—	0.5*f	µg/L	—	0.5	Y	U	U	N3B-2019-3111	CAMO-19-184734	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.76	—	—	4.11*f	mg/L	—	0.11	Y	—	NQ	N3B-2019-3111	CAMO-19-184731	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.76	—	—	4.11*f	mg/L	—	0.11	Y	—	NQ	N3B-2019-3111	CAMO-19-184734	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	—	12.1*f	µg/L	—	2.0	Y	U	U	N3B-2019-3111	CAMO-19-184731	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	—	12.1*f	µg/L	—	2.0	Y	U	U	N3B-2019-3111	CAMO-19-184734	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*f	µg/L	—	0.067	Y	U	U	N3B-2019-3111	CAMO-19-184731	GELC
R-45 S2	974.9	08/23/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*f	µg/L	—	0.067	Y	U	U	N3B-2019-3111	CAMO-19-184732	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-45 S2	974.9	08/23/2019	WG	F	INIT	FD	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-3111	CAMO-19-184734	GELC
R-45 S2	974.9	08/23/2019	WG	UF	INIT	FD	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-3111	CAMO-19-184735	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.994	—	—	2.37*[f]	µg/L	—	0.2	Y	J	J	N3B-2019-3111	CAMO-19-184731	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.956	—	—	2.37*[f]	µg/L	—	0.2	Y	J	J	N3B-2019-3111	CAMO-19-184734	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.99	—	—	2.75*[f]	µg/L	—	0.6	Y	—	NQ	N3B-2019-3111	CAMO-19-184731	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.87	—	—	2.75*[f]	µg/L	—	0.6	Y	—	NQ	N3B-2019-3111	CAMO-19-184734	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.969	—	—	0.748*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2019-3111	CAMO-19-184731	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.985	—	—	0.748*[f]	mg/L	—	0.085	Y	—	NQ	N3B-2019-3111	CAMO-19-184734	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.421	—	—	0.412*[f]	µg/L	—	0.05	Y	—	J	N3B-2019-3111	CAMO-19-184731	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.458	—	—	0.412*[f]	µg/L	—	0.05	Y	—	J	N3B-2019-3111	CAMO-19-184734	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.33	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-3111	CAMO-19-184731	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	1.33	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-3111	CAMO-19-184734	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	—	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-3111	CAMO-19-184731	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	—	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-3111	CAMO-19-184734	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	75.8	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-3111	CAMO-19-184731	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	76.8	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-3111	CAMO-19-184734	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	—	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-3111	CAMO-19-184731	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	—	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-3111	CAMO-19-184734	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.2	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-3111	CAMO-19-184731	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.5	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-3111	CAMO-19-184734	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	153.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-3111	CAMO-19-184731	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	154.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-3111	CAMO-19-184734	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	74.0	—	—	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-3111	CAMO-19-184731	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	74.2	—	—	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-3111	CAMO-19-184734	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.12	—	—	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-3111	CAMO-19-184731	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.09	—	—	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-3111	CAMO-19-184734	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	5.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-3111	CAMO-19-184731	GELC
R-45 S2	974.9	08/23/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	5.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-3111	CAMO-19-184732	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	5.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-3111	CAMO-19-184734	GELC
R-45 S2	974.9	08/23/2019	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	5.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-3111	CAMO-19-184735	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	—	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-3111	CAMO-19-184731	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	—	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-3111	CAMO-19-184734	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2019-3111	CAMO-19-184731	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2019-3111	CAMO-19-184734	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	173.0	—	—	159*[f]	mg/L	—	3.4	Y	—	J	N3B-2019-3111	CAMO-19-184731	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	171.0	—	—	159*[f]	mg/L	—	3.4	Y	—	J	N3B-2019-3111	CAMO-19-184734	GELC
R-45 S2	974.9	08/23/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0979	—	—	0.165*[f]	mg/L	—	0.033	Y	J	U	N3B-2019-3111	CAMO-19-184732	GELC
R-45 S2	974.9	08/23/2019	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0882	—	—	0.165*[f]	mg/L	—	0.033	Y	J	U	N3B-2019-3111	CAMO-19-184735	GELC
R-45 S2	974.9	08/23/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.71	—	—	0.982*[f]	mg/L	—	0.33	Y	J	J	N3B-2019-3111	CAMO-19-184732	GELC
R-45 S2	974.9	08/23/2019	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.767	—	—	0.982*[f]	mg/L	—	0.33	Y	J	J	N3B-2019-3111	CAMO-19-184735	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.101	—	—	0.0822*[f]	mg/L	—	0.02	Y	—	U	N3B-2019-3111	CAMO-19-184731	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.104	—	—	0.0822*[f]	mg/L	—	0.02	Y	—	U	N3B-2019-3111	CAMO-19-184734	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.677	—	—	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-3111	CAMO-19-184731	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.656	—	—	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-3111	CAMO-19-184734	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.18	—	—	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-3111	CAMO-19-184731	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.18	—	—	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-3111	CAMO-19-184734	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	7.99	—	—	14.4*[f]	µg/L	—	3.3	Y	J	U	N3B-2019-3111	CAMO-19-184731	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Zinc	Zn	N	6.44	—	—	14.4*[f]	µg/L	—	3.3	Y	J	U	N3B-2019-3111	CAMO-19-184734	GELC
R-45 S2	974.9	07/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.17	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-2554	CAMO-19-181856	GELC
R-45 S2	974.9	07/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-2554	CAMO-19-181856	GELC
R-45 S2	974.9	07/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	73.5	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-2554	CAMO-19-181856	GELC
R-45 S2	974.9	07/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-2554	CAMO-19-181856	GELC
R-45 S2	974.9	07/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0391	—	—	0.1*[f]	mg/L	—	0.017	Y	J	J	N3B-2019-2554	CAMO-19-181856	GELC
R-45 S2	974.9	07/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2554	CAMO-19-181856	GELC
R-45 S2	974.9	07/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.36	—	10	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-2554	CAMO-19-181856	GELC
R-45 S2	974.9	07/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	31.0	—	2000	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2554	CAMO-19-181856	GELC
R-45 S2	974.9	07/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2554	CAMO-19-181856	GELC
R-45 S2	974.9	07/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	18.9	—	750	18.7*[f]	µg/L	—	15.0	Y	J	J	N3B-2019-2554	CAMO-19-181856	GELC
R-45 S2	974.9	07/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-2554	CAMO-19-181856	GELC
R-45 S2	974.9	07/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-2554	CAMO-19-181856	GELC
R-45 S2	974.9	07/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.7	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-2554	CAMO-19-181856	GELC
R-45 S2	974.9	07/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.99	—	250	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-2554	CAMO-19-181856	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-45 S2	974.9	07/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	31.5	—	50	6.6*[f]	µg/L	—	3.0	Y	—	NQ	N3B-2019-2554	CAMO-19-181856	GELC
R-45 S2	974.9	07/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2554	CAMO-19-181856	GELC
R-45 S2	974.9	07/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-2554	CAMO-19-181856	GELC
R-45 S2	974.9	07/16/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-2554	CAMO-19-181857	GELC
R-45 S2	974.9	07/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.589	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-2554	CAMO-19-181856	GELC
R-45 S2	974.9	07/16/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	64.4	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-2554	CAMO-19-181856	GELC
R-45 S2	974.9	07/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-2554	CAMO-19-181856	GELC
R-45 S2	974.9	07/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-2554	CAMO-19-181856	GELC
R-45 S2	974.9	07/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.91	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-2554	CAMO-19-181856	GELC
R-45 S2	974.9	07/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2554	CAMO-19-181856	GELC
R-45 S2	974.9	07/16/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-2554	CAMO-19-181856	GELC
R-45 S2	974.9	07/16/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-2554	CAMO-19-181857	GELC
R-45 S2	974.9	07/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.955	—	1000	2.37*[f]	µg/L	—	0.2	Y	J	J	N3B-2019-2554	CAMO-19-181856	GELC
R-45 S2	974.9	07/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	3.9	—	200	2.75*[f]	µg/L	—	0.6	Y	—	NQ	N3B-2019-2554	CAMO-19-181856	GELC
R-45 S2	974.9	07/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.05	—	10	0.748*[f]	mg/L	—	0.085	Y	—	NQ	N3B-2019-2554	CAMO-19-181856	GELC
R-45 S2	974.9	07/16/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.399	—	13.8	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-2554	CAMO-19-181856	GELC
R-45 S2	974.9	07/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.35	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-2554	CAMO-19-181856	GELC
R-45 S2	974.9	07/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2554	CAMO-19-181856	GELC
R-45 S2	974.9	07/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.4	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-2554	CAMO-19-181856	GELC
R-45 S2	974.9	07/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-2554	CAMO-19-181856	GELC
R-45 S2	974.9	07/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.9	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-2554	CAMO-19-181856	GELC
R-45 S2	974.9	07/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	181.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-2554	CAMO-19-181856	GELC
R-45 S2	974.9	07/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	72.0	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2554	CAMO-19-181856	GELC
R-45 S2	974.9	07/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.89	—	600	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-2554	CAMO-19-181856	GELC
R-45 S2	974.9	07/16/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2554	CAMO-19-181856	GELC
R-45 S2	974.9	07/16/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2554	CAMO-19-181857	GELC
R-45 S2	974.9	07/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-2554	CAMO-19-181856	GELC
R-45 S2	974.9	07/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	12000	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2019-2554	CAMO-19-181856	GELC
R-45 S2	974.9	07/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	146.0	—	1000	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-2554	CAMO-19-181856	GELC
R-45 S2	974.9	07/16/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0763	—	—	0.165*[f]	mg/L	—	0.033	Y	J	U	N3B-2019-2554	CAMO-19-181857	GELC
R-45 S2	974.9	07/16/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.589	—	—	0.982*[f]	mg/L	—	0.33	Y	J	J	N3B-2019-2554	CAMO-19-181857	GELC
R-45 S2	974.9	07/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0747	—	—	0.0822*[f]	mg/L	—	0.02	Y	—	NQ	N3B-2019-2554	CAMO-19-181856	GELC
R-45 S2	974.9	07/16/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	4.751	1.237	20000	2.06*[f]	pCi/L	3.154	—	Y	—	NQ	N3B-2019-2583	CAMO-19-181857	ARSL
R-45 S2	974.9	07/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.747	—	30	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-2554	CAMO-19-181856	GELC
R-45 S2	974.9	07/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.96	—	63.1	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2554	CAMO-19-181856	GELC
R-45 S2	974.9	07/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	7.79	—	10000	14.4*[f]	µg/L	—	3.3	Y	J	J	N3B-2019-2554	CAMO-19-181856	GELC
R-45 S2	974.9	06/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.21	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-2198	CAMO-19-181688	GELC
R-45 S2	974.9	06/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-2198	CAMO-19-181688	GELC
R-45 S2	974.9	06/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	74.5	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-2198	CAMO-19-181688	GELC
R-45 S2	974.9	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	—	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-2198	CAMO-19-181688	GELC
R-45 S2	974.9	06/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.131	—	—	0.1*[f]	mg/L	—	0.017	Y	—	J+	N3B-2019-2198	CAMO-19-181688	GELC
R-45 S2	974.9	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2198	CAMO-19-181688	GELC
R-45 S2	974.9	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.08	—	—	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-2198	CAMO-19-181688	GELC
R-45 S2	974.9	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	31.4	—	—	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2198	CAMO-19-181688	GELC
R-45 S2	974.9	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2198	CAMO-19-181688	GELC
R-45 S2	974.9	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	18.7	—	—	18.7*[f]	µg/L	—	15.0	Y	J	J	N3B-2019-2198	CAMO-19-181688	GELC
R-45 S2	974.9	06/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-2198	CAMO-19-181688	GELC
R-45 S2	974.9	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	—	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-2198	CAMO-19-181688	GELC
R-45 S2	974.9	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	18.2	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-2198	CAMO-19-181688	GELC
R-45 S2	974.9	06/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.76	—	—	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-2198	CAMO-19-181688	GELC
R-45 S2	974.9	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	31.3	—	—	6.6*[f]	µg/L	—	3.0	Y	—	NQ	N3B-2019-2198	CAMO-19-181688	GELC
R-45 S2	974.9	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2198	CAMO-19-181688	GELC
R-45 S2	974.9	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	—	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-2198	CAMO-19-181688	GELC
R-45 S2	974.9	06/13/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-2198	CAMO-19-181689	GELC
R-45 S2	974.9	06/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.433	—	—	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-2198	CAMO-19-181688	GELC
R-45 S2	974.9	06/13/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	66.8	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-2198	CAMO-19-181688	GELC
R-45 S2	974.9	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	—	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-2198	CAMO-19-181688	GELC
R-45 S2	974.9	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	—	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-2198	CAMO-19-181688	GELC
R-45 S2	974.9	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.19	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-2198	CAMO-19-181688	GELC
R-45 S2	974.9	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	—	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2198	CAMO-19-181688	GELC
R-45 S2	974.9	06/13/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-2198	CAMO-19-181688	GELC
R-45 S2	974.9	06/13/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-2198	CAMO-19-181689	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-45 S2	974.9	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.11	—	—	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-2198	CAMO-19-181688	GELC
R-45 S2	974.9	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	4.29	—	—	2.75*[f]	µg/L	—	0.6	Y	—	NQ	N3B-2019-2198	CAMO-19-181688	GELC
R-45 S2	974.9	06/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.17	—	—	0.748*[f]	mg/L	—	0.085	Y	—	NQ	N3B-2019-2198	CAMO-19-181688	GELC
R-45 S2	974.9	06/13/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.497	—	—	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-2198	CAMO-19-181688	GELC
R-45 S2	974.9	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.33	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-2198	CAMO-19-181688	GELC
R-45 S2	974.9	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	—	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2198	CAMO-19-181688	GELC
R-45 S2	974.9	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	80.2	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-2198	CAMO-19-181688	GELC
R-45 S2	974.9	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	—	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-2198	CAMO-19-181688	GELC
R-45 S2	974.9	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.2	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-2198	CAMO-19-181688	GELC
R-45 S2	974.9	06/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	190.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-2198	CAMO-19-181688	GELC
R-45 S2	974.9	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	70.3	—	—	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2198	CAMO-19-181688	GELC
R-45 S2	974.9	06/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.62	—	—	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-2198	CAMO-19-181688	GELC
R-45 S2	974.9	06/13/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2198	CAMO-19-181688	GELC
R-45 S2	974.9	06/13/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2198	CAMO-19-181689	GELC
R-45 S2	974.9	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	—	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-2198	CAMO-19-181688	GELC
R-45 S2	974.9	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.52	—	—	13*[f]	µg/L	—	2.5	Y	J	U	N3B-2019-2198	CAMO-19-181688	GELC
R-45 S2	974.9	06/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	123.0	—	—	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-2198	CAMO-19-181688	GELC
R-45 S2	974.9	06/13/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.165*[f]	mg/L	—	0.033	Y	U	U	N3B-2019-2198	CAMO-19-181689	GELC
R-45 S2	974.9	06/13/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.526	—	—	0.982*[f]	mg/L	—	0.33	Y	J	J	N3B-2019-2198	CAMO-19-181689	GELC
R-45 S2	974.9	06/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	—	0.0822*[f]	mg/L	—	0.02	Y	U	U	N3B-2019-2198	CAMO-19-181688	GELC
R-45 S2	974.9	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.72	—	—	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-2198	CAMO-19-181688	GELC
R-45 S2	974.9	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.75	—	—	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2198	CAMO-19-181688	GELC
R-45 S2	974.9	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	4.38	—	—	14.4*[f]	µg/L	—	3.3	Y	J	U	N3B-2019-2198	CAMO-19-181688	GELC
R-45 S2	974.9	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.2	—	—	—	SU	—	0.01	Y	H	J-	N3B-2019-2011	CAMO-19-175162	GELC
R-45 S2	974.9	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	UH	U	N3B-2019-2011	CAMO-19-175162	GELC
R-45 S2	974.9	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	72.5	—	—	69.92*[f]	mg/L	—	1.45	Y	H	NQ	N3B-2019-2011	CAMO-19-175162	GELC
R-45 S2	974.9	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-2011	CAMO-19-175162	GELC
R-45 S2	974.9	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0488	—	—	0.1*[f]	mg/L	—	0.017	Y	J	J	N3B-2019-2011	CAMO-19-175162	GELC
R-45 S2	974.9	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2011	CAMO-19-175162	GELC
R-45 S2	974.9	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.75	—	10	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-2011	CAMO-19-175162	GELC
R-45 S2	974.9	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	28.4	—	2000	37.4*[f]	µg/L	—	1.0	Y	*	NQ	N3B-2019-2011	CAMO-19-175162	GELC
R-45 S2	974.9	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2011	CAMO-19-175162	GELC
R-45 S2	974.9	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	21.5	—	750	18.7*[f]	µg/L	—	15.0	Y	J	J	N3B-2019-2011	CAMO-19-175162	GELC
R-45 S2	974.9	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-2011	CAMO-19-175162	GELC
R-45 S2	974.9	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-2011	CAMO-19-175162	GELC
R-45 S2	974.9	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16.5	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-2011	CAMO-19-175162	GELC
R-45 S2	974.9	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.57	—	250	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-2011	CAMO-19-175162	GELC
R-45 S2	974.9	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	29.0	—	50	6.6*[f]	µg/L	—	3.0	Y	—	NQ	N3B-2019-2011	CAMO-19-175162	GELC
R-45 S2	974.9	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2011	CAMO-19-175162	GELC
R-45 S2	974.9	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-2011	CAMO-19-175162	GELC
R-45 S2	974.9	05/15/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-1916	CAMO-19-175163	GELC
R-45 S2	974.9	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.452	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-2011	CAMO-19-175162	GELC
R-45 S2	974.9	05/15/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	63.2	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-2011	CAMO-19-175162	GELC
R-45 S2	974.9	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-2011	CAMO-19-175162	GELC
R-45 S2	974.9	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-2011	CAMO-19-175162	GELC
R-45 S2	974.9	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.33	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-2011	CAMO-19-175162	GELC
R-45 S2	974.9	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2011	CAMO-19-175162	GELC
R-45 S2	974.9	05/15/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-2011	CAMO-19-175162	GELC
R-45 S2	974.9	05/15/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-2011	CAMO-19-175163	GELC
R-45 S2	974.9	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.777	—	1000	2.37*[f]	µg/L	—	0.2	Y	J	J	N3B-2019-2011	CAMO-19-175162	GELC
R-45 S2	974.9	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	3.59	—	200	2.75*[f]	µg/L	—	0.6	Y	—	NQ	N3B-2019-2011	CAMO-19-175162	GELC
R-45 S2	974.9	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.955	—	10	0.748*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2019-2011	CAMO-19-175162	GELC
R-45 S2	974.9	05/15/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.421	—	13.8	0.412*[f]	µg/L	—	0.05	Y	—	J-	N3B-2019-2011	CAMO-19-175162	GELC
R-45 S2	974.9	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.27	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-2011	CAMO-19-175162	GELC
R-45 S2	974.9	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2011	CAMO-19-175162	GELC
R-45 S2	974.9	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.7	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-2011	CAMO-19-175162	GELC
R-45 S2	974.9	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-2011	CAMO-19-175162	GELC
R-45 S2	974.9	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.9	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-2011	CAMO-19-175162	GELC
R-45 S2	974.9	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	177.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-2011	CAMO-19-175162	GELC
R-45 S2	974.9	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	70.7	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2011	CAMO-19-175162	GELC
R-45 S2	974.9	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.39	—	600	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-2011	CAMO-19-175162	GELC
R-45 S2	974.9	05/15/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1916	CAMO-19-175163	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-45 S2	974.9	05/15/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2011	CAMO-19-175162	GELC
R-45 S2	974.9	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-2011	CAMO-19-175162	GELC
R-45 S2	974.9	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	13.8	—	12000	13*[f]	µg/L	—	2.5	Y	—	J+	N3B-2019-2011	CAMO-19-175162	GELC
R-45 S2	974.9	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	197.0	—	1000	159*[f]	mg/L	—	3.4	Y	H	NQ	N3B-2019-2011	CAMO-19-175162	GELC
R-45 S2	974.9	05/15/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.165*[f]	mg/L	—	0.033	Y	U	U	N3B-2019-2011	CAMO-19-175163	GELC
R-45 S2	974.9	05/15/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.552	—	—	0.982*[f]	mg/L	—	0.33	Y	J	J	N3B-2019-2011	CAMO-19-175163	GELC
R-45 S2	974.9	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0204	—	—	0.0822*[f]	mg/L	—	0.02	Y	J	J	N3B-2019-2011	CAMO-19-175162	GELC
R-45 S2	974.9	05/15/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	4.486	1.131	20000	2.06*[f]	pCi/L	2.824	—	Y	—	NQ	N3B-2019-1983	CAMO-19-175163	ARSL
R-45 S2	974.9	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.612	—	30	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-2011	CAMO-19-175162	GELC
R-45 S2	974.9	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.25	—	63.1	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2011	CAMO-19-175162	GELC
R-45 S2	974.9	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	10000	14.4*[f]	µg/L	—	3.3	Y	U	U	N3B-2019-2011	CAMO-19-175162	GELC
R-45 S2	974.9	04/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.26	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-1632	CAMO-19-174825	GELC
R-45 S2	974.9	04/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-1632	CAMO-19-174825	GELC
R-45 S2	974.9	04/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	73.3	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-1632	CAMO-19-174825	GELC
R-45 S2	974.9	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	—	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-1632	CAMO-19-174825	GELC
R-45 S2	974.9	04/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0336	—	—	0.1*[f]	mg/L	—	0.017	Y	J	U	N3B-2019-1632	CAMO-19-174825	GELC
R-45 S2	974.9	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1632	CAMO-19-174825	GELC
R-45 S2	974.9	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.33	—	—	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-1632	CAMO-19-174825	GELC
R-45 S2	974.9	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	31.1	—	—	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1632	CAMO-19-174825	GELC
R-45 S2	974.9	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1632	CAMO-19-174825	GELC
R-45 S2	974.9	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	21.7	—	—	18.7*[f]	µg/L	—	15.0	Y	J	J	N3B-2019-1632	CAMO-19-174825	GELC
R-45 S2	974.9	04/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-1632	CAMO-19-174825	GELC
R-45 S2	974.9	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	—	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-1632	CAMO-19-174825	GELC
R-45 S2	974.9	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	18.3	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-1632	CAMO-19-174825	GELC
R-45 S2	974.9	04/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.25	—	—	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-1632	CAMO-19-174825	GELC
R-45 S2	974.9	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	28.2	—	—	6.6*[f]	µg/L	—	3.0	Y	—	NQ	N3B-2019-1632	CAMO-19-174825	GELC
R-45 S2	974.9	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1632	CAMO-19-174825	GELC
R-45 S2	974.9	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	—	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-1632	CAMO-19-174825	GELC
R-45 S2	974.9	04/26/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-1632	CAMO-19-174824	GELC
R-45 S2	974.9	04/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.56	—	—	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-1632	CAMO-19-174825	GELC
R-45 S2	974.9	04/26/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	67.2	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-1632	CAMO-19-174825	GELC
R-45 S2	974.9	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	—	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-1632	CAMO-19-174825	GELC
R-45 S2	974.9	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	—	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-1632	CAMO-19-174825	GELC
R-45 S2	974.9	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.24	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-1632	CAMO-19-174825	GELC
R-45 S2	974.9	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	—	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1632	CAMO-19-174825	GELC
R-45 S2	974.9	04/26/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-1632	CAMO-19-174824	GELC
R-45 S2	974.9	04/26/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-1632	CAMO-19-174825	GELC
R-45 S2	974.9	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.978	—	—	2.37*[f]	µg/L	—	0.2	Y	J	J	N3B-2019-1632	CAMO-19-174825	GELC
R-45 S2	974.9	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	3.51	—	—	2.75*[f]	µg/L	—	0.6	Y	—	NQ	N3B-2019-1632	CAMO-19-174825	GELC
R-45 S2	974.9	04/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.95	—	—	0.748*[f]	mg/L	—	0.085	Y	—	NQ	N3B-2019-1632	CAMO-19-174825	GELC
R-45 S2	974.9	04/26/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.439	—	—	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-1632	CAMO-19-174825	GELC
R-45 S2	974.9	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.39	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-1632	CAMO-19-174825	GELC
R-45 S2	974.9	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	—	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1632	CAMO-19-174825	GELC
R-45 S2	974.9	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	76.7	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-1632	CAMO-19-174825	GELC
R-45 S2	974.9	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	—	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-1632	CAMO-19-174825	GELC
R-45 S2	974.9	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.4	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-1632	CAMO-19-174825	GELC
R-45 S2	974.9	04/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	192.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-1632	CAMO-19-174825	GELC
R-45 S2	974.9	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	74.1	—	—	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1632	CAMO-19-174825	GELC
R-45 S2	974.9	04/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.24	—	—	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-1632	CAMO-19-174825	GELC
R-45 S2	974.9	04/26/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1632	CAMO-19-174824	GELC
R-45 S2	974.9	04/26/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1632	CAMO-19-174825	GELC
R-45 S2	974.9	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	—	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-1632	CAMO-19-174825	GELC
R-45 S2	974.9	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	5.95	—	—	13*[f]	µg/L	—	2.5	Y	J	J	N3B-2019-1632	CAMO-19-174825	GELC
R-45 S2	974.9	04/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	189.0	—	—	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-1632	CAMO-19-174825	GELC
R-45 S2	974.9	04/26/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.165*[f]	mg/L	—	0.033	Y	U	U	N3B-2019-1632	CAMO-19-174824	GELC
R-45 S2	974.9	04/26/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.512	—	—	0.982*[f]	mg/L	—	0.33	Y	J	J	N3B-2019-1632	CAMO-19-174824	GELC
R-45 S2	974.9	04/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0543	—	—	0.0822*[f]	mg/L	—	0.02	Y	—	U	N3B-2019-1632	CAMO-19-174825	GELC
R-45 S2	974.9	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.65	—	—	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-1632	CAMO-19-174825	GELC
R-45 S2	974.9	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.75	—	—	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1632	CAMO-19-174825	GELC
R-45 S2	974.9	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	14.4*[f]	µg/L	—	3.3	Y	U	U	N3B-2019-1632	CAMO-19-174825	GELC
R-45 S2	974.9	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.21	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-1131	CAMO-19-167705	GELC
R-45 S2	974.9	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-1131	CAMO-19-167705	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-45 S2	974.9	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	76.0	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-1131	CAMO-19-167705	GELC
R-45 S2	974.9	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	—	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-1131	CAMO-19-167705	GELC
R-45 S2	974.9	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.1*[f]	mg/L	—	0.017	Y	U	U	N3B-2019-1131	CAMO-19-167705	GELC
R-45 S2	974.9	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1131	CAMO-19-167705	GELC
R-45 S2	974.9	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.19	—	—	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-1131	CAMO-19-167705	GELC
R-45 S2	974.9	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	29.9	—	—	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1131	CAMO-19-167705	GELC
R-45 S2	974.9	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1131	CAMO-19-167705	GELC
R-45 S2	974.9	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	18.9	—	—	18.7*[f]	µg/L	—	15.0	Y	J	J	N3B-2019-1131	CAMO-19-167705	GELC
R-45 S2	974.9	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.101	—	—	0.067*[f]	mg/L	—	0.067	Y	J	J	N3B-2019-1131	CAMO-19-167705	GELC
R-45 S2	974.9	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	—	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-1131	CAMO-19-167705	GELC
R-45 S2	974.9	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.2	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-1131	CAMO-19-167705	GELC
R-45 S2	974.9	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.98	—	—	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-1131	CAMO-19-167705	GELC
R-45 S2	974.9	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	30.8	—	—	6.6*[f]	µg/L	—	3.0	Y	—	NQ	N3B-2019-1131	CAMO-19-167705	GELC
R-45 S2	974.9	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1131	CAMO-19-167705	GELC
R-45 S2	974.9	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	—	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-1131	CAMO-19-167705	GELC
R-45 S2	974.9	03/14/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-1131	CAMO-19-167706	GELC
R-45 S2	974.9	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.43	—	—	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-1131	CAMO-19-167705	GELC
R-45 S2	974.9	03/14/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	63.1	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-1131	CAMO-19-167705	GELC
R-45 S2	974.9	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	—	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-1131	CAMO-19-167705	GELC
R-45 S2	974.9	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	—	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-1131	CAMO-19-167705	GELC
R-45 S2	974.9	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.89	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-1131	CAMO-19-167705	GELC
R-45 S2	974.9	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	—	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1131	CAMO-19-167705	GELC
R-45 S2	974.9	03/14/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-1131	CAMO-19-167705	GELC
R-45 S2	974.9	03/14/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-1131	CAMO-19-167706	GELC
R-45 S2	974.9	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.976	—	—	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-1131	CAMO-19-167705	GELC
R-45 S2	974.9	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	3.09	—	—	2.75*[f]	µg/L	—	0.6	Y	—	NQ	N3B-2019-1131	CAMO-19-167705	GELC
R-45 S2	974.9	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.968	—	—	0.748*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2019-1131	CAMO-19-167705	GELC
R-45 S2	974.9	03/14/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.434	—	—	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-1131	CAMO-19-167705	GELC
R-45 S2	974.9	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.23	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-1131	CAMO-19-167705	GELC
R-45 S2	974.9	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	—	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1131	CAMO-19-167705	GELC
R-45 S2	974.9	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.9	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-1131	CAMO-19-167705	GELC
R-45 S2	974.9	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	—	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-1131	CAMO-19-167705	GELC
R-45 S2	974.9	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.7	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-1131	CAMO-19-167705	GELC
R-45 S2	974.9	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	178.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-1131	CAMO-19-167705	GELC
R-45 S2	974.9	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	70.8	—	—	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1131	CAMO-19-167705	GELC
R-45 S2	974.9	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.73	—	—	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-1131	CAMO-19-167705	GELC
R-45 S2	974.9	03/14/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1131	CAMO-19-167705	GELC
R-45 S2	974.9	03/14/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1131	CAMO-19-167706	GELC
R-45 S2	974.9	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	—	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-1131	CAMO-19-167705	GELC
R-45 S2	974.9	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2019-1131	CAMO-19-167705	GELC
R-45 S2	974.9	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	164.0	—	—	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-1131	CAMO-19-167705	GELC
R-45 S2	974.9	03/14/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.165*[f]	mg/L	—	0.033	Y	U	U	N3B-2019-1131	CAMO-19-167706	GELC
R-45 S2	974.9	03/14/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.427	—	—	0.982*[f]	mg/L	—	0.33	Y	J	J	N3B-2019-1131	CAMO-19-167706	GELC
R-45 S2	974.9	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0254	—	—	0.0822*[f]	mg/L	—	0.02	Y	J	U	N3B-2019-1131	CAMO-19-167705	GELC
R-45 S2	974.9	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.683	—	—	1.06*[f]	µg/L	—	0.067	Y	—	J+	N3B-2019-1131	CAMO-19-167705	GELC
R-45 S2	974.9	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.43	—	—	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1131	CAMO-19-167705	GELC
R-45 S2	974.9	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	14.4*[f]	µg/L	—	3.3	Y	U	U	N3B-2019-1131	CAMO-19-167705	GELC
R-45 S2	974.9	02/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.15	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-902	CAMO-19-166458	GELC
R-45 S2	974.9	02/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-902	CAMO-19-166458	GELC
R-45 S2	974.9	02/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	73.6	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-902	CAMO-19-166458	GELC
R-45 S2	974.9	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	—	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-902	CAMO-19-166458	GELC
R-45 S2	974.9	02/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.039	—	—	0.1*[f]	mg/L	—	0.017	Y	J	U	N3B-2019-902	CAMO-19-166458	GELC
R-45 S2	974.9	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-902	CAMO-19-166458	GELC
R-45 S2	974.9	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	2.0	—	—	2.7*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-902	CAMO-19-166458	GELC
R-45 S2	974.9	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	31.6	—	—	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-902	CAMO-19-166458	GELC
R-45 S2	974.9	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-902	CAMO-19-166458	GELC
R-45 S2	974.9	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	24.6	—	—	18.7*[f]	µg/L	—	15.0	Y	J	J	N3B-2019-902	CAMO-19-166458	GELC
R-45 S2	974.9	02/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0716	—	—	0.067*[f]	mg/L	—	0.067	Y	J	J	N3B-2019-902	CAMO-19-166458	GELC
R-45 S2	974.9	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	—	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-902	CAMO-19-166458	GELC
R-45 S2	974.9	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	18.1	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-902	CAMO-19-166458	GELC
R-45 S2	974.9	02/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.77	—	—	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-902	CAMO-19-166458	GELC
R-45 S2	974.9	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	32.2	—	—	6.6*[f]	µg/L	—	3.0	Y	—	NQ	N3B-2019-902	CAMO-19-166458	GELC

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Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-45 S2	974.9	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-902	CAMO-19-166458	GELC
R-45 S2	974.9	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	—	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-902	CAMO-19-166458	GELC
R-45 S2	974.9	02/12/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-902	CAMO-19-166459	GELC
R-45 S2	974.9	02/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.417	—	—	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-902	CAMO-19-166458	GELC
R-45 S2	974.9	02/12/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	68.4	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-902	CAMO-19-166458	GELC
R-45 S2	974.9	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	—	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-902	CAMO-19-166458	GELC
R-45 S2	974.9	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	—	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-902	CAMO-19-166458	GELC
R-45 S2	974.9	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.62	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-902	CAMO-19-166458	GELC
R-45 S2	974.9	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	—	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-902	CAMO-19-166458	GELC
R-45 S2	974.9	02/12/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-902	CAMO-19-166458	GELC
R-45 S2	974.9	02/12/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-902	CAMO-19-166459	GELC
R-45 S2	974.9	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.0	—	—	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-902	CAMO-19-166458	GELC
R-45 S2	974.9	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.79	—	—	2.75*[f]	µg/L	—	0.6	Y	—	NQ	N3B-2019-902	CAMO-19-166458	GELC
R-45 S2	974.9	02/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.955	—	—	0.748*[f]	mg/L	—	0.085	Y	—	NQ	N3B-2019-902	CAMO-19-166458	GELC
R-45 S2	974.9	02/12/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.423	—	—	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-902	CAMO-19-166458	GELC
R-45 S2	974.9	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.39	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-902	CAMO-19-166458	GELC
R-45 S2	974.9	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	—	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-902	CAMO-19-166458	GELC
R-45 S2	974.9	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	75.0	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-902	CAMO-19-166458	GELC
R-45 S2	974.9	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	—	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-902	CAMO-19-166458	GELC
R-45 S2	974.9	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.6	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-902	CAMO-19-166458	GELC
R-45 S2	974.9	02/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	178.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-902	CAMO-19-166458	GELC
R-45 S2	974.9	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	73.7	—	—	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-902	CAMO-19-166458	GELC
R-45 S2	974.9	02/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.68	—	—	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-902	CAMO-19-166458	GELC
R-45 S2	974.9	02/12/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-902	CAMO-19-166458	GELC
R-45 S2	974.9	02/12/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-902	CAMO-19-166459	GELC
R-45 S2	974.9	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	—	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-902	CAMO-19-166458	GELC
R-45 S2	974.9	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2019-902	CAMO-19-166458	GELC
R-45 S2	974.9	02/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	130.0	—	—	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-902	CAMO-19-166458	GELC
R-45 S2	974.9	02/12/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.165*[f]	mg/L	—	0.033	Y	U	U	N3B-2019-902	CAMO-19-166459	GELC
R-45 S2	974.9	02/12/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.393	—	—	0.982*[f]	mg/L	—	0.33	Y	J	J	N3B-2019-902	CAMO-19-166459	GELC
R-45 S2	974.9	02/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0282	—	—	0.0822*[f]	mg/L	—	0.02	Y	J	U	N3B-2019-902	CAMO-19-166458	GELC
R-45 S2	974.9	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.733	—	—	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-902	CAMO-19-166458	GELC
R-45 S2	974.9	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.98	—	—	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-902	CAMO-19-166458	GELC
R-45 S2	974.9	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	3.45	—	—	14.4*[f]	µg/L	—	3.3	Y	J	J	N3B-2019-902	CAMO-19-166458	GELC
R-45 S2	974.9	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.13	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-761	CAMO-19-165981	GELC
R-45 S2	974.9	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-761	CAMO-19-165981	GELC
R-45 S2	974.9	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	75.4	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-761	CAMO-19-165981	GELC
R-45 S2	974.9	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-761	CAMO-19-165981	GELC
R-45 S2	974.9	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.033	—	—	0.1*[f]	mg/L	—	0.017	Y	J	J	N3B-2019-761	CAMO-19-165981	GELC
R-45 S2	974.9	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-761	CAMO-19-165981	GELC
R-45 S2	974.9	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.56	—	10	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-761	CAMO-19-165981	GELC
R-45 S2	974.9	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	29.1	—	2000	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-761	CAMO-19-165981	GELC
R-45 S2	974.9	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-761	CAMO-19-165981	GELC
R-45 S2	974.9	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	19.4	—	750	18.7*[f]	µg/L	—	15.0	Y	J	J	N3B-2019-761	CAMO-19-165981	GELC
R-45 S2	974.9	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0843	—	—	0.067*[f]	mg/L	—	0.067	Y	J	J	N3B-2019-761	CAMO-19-165981	GELC
R-45 S2	974.9	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-761	CAMO-19-165981	GELC
R-45 S2	974.9	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16.7	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-761	CAMO-19-165981	GELC
R-45 S2	974.9	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.91	—	250	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-761	CAMO-19-165981	GELC
R-45 S2	974.9	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	29.0	—	50	6.6*[f]	µg/L	—	3.0	Y	—	NQ	N3B-2019-761	CAMO-19-165981	GELC
R-45 S2	974.9	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-761	CAMO-19-165981	GELC
R-45 S2	974.9	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-761	CAMO-19-165981	GELC
R-45 S2	974.9	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.389	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-761	CAMO-19-165981	GELC
R-45 S2	974.9	01/15/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	62.0	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-761	CAMO-19-165981	GELC
R-45 S2	974.9	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-761	CAMO-19-165981	GELC
R-45 S2	974.9	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-761	CAMO-19-165981	GELC
R-45 S2	974.9	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.95	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-761	CAMO-19-165981	GELC
R-45 S2	974.9	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-761	CAMO-19-165981	GELC
R-45 S2	974.9	01/15/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-761	CAMO-19-165981	GELC
R-45 S2	974.9	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.984	—	1000	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-761	CAMO-19-165981	GELC
R-45 S2	974.9	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.34	—	200	2.75*[f]	µg/L	—	0.6	Y	—	NQ	N3B-2019-761	CAMO-19-165981	GELC
R-45 S2	974.9	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.923	—	10	0.748*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2019-761	CAMO-19-165981	GELC
R-45 S2	974.9	01/15/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.504	—	13.8	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-761	CAMO-19-165981	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-45 S2	974.9	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.3	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-761	CAMO-19-165981	GELC
R-45 S2	974.9	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-761	CAMO-19-165981	GELC
R-45 S2	974.9	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.9	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-761	CAMO-19-165981	GELC
R-45 S2	974.9	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-761	CAMO-19-165981	GELC
R-45 S2	974.9	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.9	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-761	CAMO-19-165981	GELC
R-45 S2	974.9	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	178.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-761	CAMO-19-165981	GELC
R-45 S2	974.9	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	68.0	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-761	CAMO-19-165981	GELC
R-45 S2	974.9	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.78	—	600	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-761	CAMO-19-165981	GELC
R-45 S2	974.9	01/15/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-761	CAMO-19-165981	GELC
R-45 S2	974.9	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-761	CAMO-19-165981	GELC
R-45 S2	974.9	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	9.13	—	12000	13*[f]	µg/L	—	2.5	Y	J	U	N3B-2019-761	CAMO-19-165981	GELC
R-45 S2	974.9	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	230.0	—	1000	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-761	CAMO-19-165981	GELC
R-45 S2	974.9	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0287	—	—	0.0822*[f]	mg/L	—	0.02	Y	J	U	N3B-2019-761	CAMO-19-165981	GELC
R-45 S2	974.9	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.716	—	30	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-761	CAMO-19-165981	GELC
R-45 S2	974.9	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.47	—	63.1	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-761	CAMO-19-165981	GELC
R-45 S2	974.9	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.92	—	10000	14.4*[f]	µg/L	—	3.3	Y	J	U	N3B-2019-761	CAMO-19-165981	GELC
R-45 S2	974.9	01/08/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-761	CAMO-19-166028	GELC
R-45 S2	974.9	01/08/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-761	CAMO-19-166028	GELC
R-45 S2	974.9	01/08/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-761	CAMO-19-166028	GELC
R-45 S2	974.9	01/08/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0952	—	—	0.165*[f]	mg/L	—	0.033	Y	J	J	N3B-2019-761	CAMO-19-166028	GELC
R-45 S2	974.9	01/08/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.371	—	—	0.982*[f]	mg/L	—	0.33	Y	J	J	N3B-2019-761	CAMO-19-166028	GELC
R-45 S2	974.9	01/08/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	7.527	1.542	20000	2.06*[f]	pCi/L	3.128	—	Y	—	NQ	N3B-2019-773	CAMO-19-166028	ARSL
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.305	—	535	—	µg/L	—	0.305	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.305	—	—	—	µg/L	—	0.305	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	2.76	—	14100	—	µg/L	—	1.5	Y	J	J	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.67	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.0	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0279	0.00886	—	0.0167*[f]	pCi/L	0.0434	—	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0275	—	—	0.1*[f]	mg/L	—	0.017	Y	J	U	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.27	—	130	—	µg/L	—	4.27	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.305	—	1720	—	µg/L	—	0.305	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.04	—	10	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	3.05	—	3	—	µg/L	—	3.05	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Azobenzene	103-33-3	N	3.05	—	1.2	—	µg/L	—	3.05	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	35.2	—	2000	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	3.96	—	0.00109	—	µg/L	—	3.96	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.305	—	0.12	—	µg/L	—	0.305	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.305	—	0.2	—	µg/L	—	0.305	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.305	—	0.343	—	µg/L	—	0.305	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.305	—	—	—	µg/L	—	0.305	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.305	—	3.43	—	µg/L	—	0.305	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.1	—	75000	—	µg/L	—	6.1	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	3.05	—	2000	—	µg/L	—	3.05	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	3.05	—	59	—	µg/L	—	3.05	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	3.05	—	0.137	—	µg/L	—	3.05	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.305	—	6	—	µg/L	—	0.305	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	750	18.7*[f]	µg/L	—	15.0	Y	U	U	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	1.34	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	3.05	—	—	—	µg/L	—	3.05	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.305	—	160	—	µg/L	—	0.305	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	23.3	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.461	1.61	—	2.93*[f]	pCi/L	5.47	—	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	19.6	—	250	2.61*[f]	mg/L	—	0.335	Y	—	NQ	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	3.05	—	1400	—	µg/L	—	3.05	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.35	—	3.7	—	µg/L	—	3.35	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	1.68	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.417	—	733	—	µg/L	—	0.417	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	3.05	—	91	—	µg/L	—	3.05	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.05	—	—	—	µg/L	—	3.05	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	40.5	—	50	6.6*[f]	µg/L	—	3.0	Y	—	NQ	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.305	—	34.3	—	µg/L	—	0.305	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	4.1	1.34	—	2.65*[f]	pCi/L	5.48	—	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.305	—	0.0343	—	µg/L	—	0.305	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	3.05	—	7.9	—	µg/L	—	3.05	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	3.05	—	600	—	µg/L	—	3.05	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.05	—	—	—	µg/L	—	3.05	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	3.05	—	75	—	µg/L	—	3.05	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	3.05	—	1.25	—	µg/L	—	3.05	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	3.05	—	45.3	—	µg/L	—	3.05	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.305	—	14800	—	µg/L	—	0.305	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.305	—	612	—	µg/L	—	0.305	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	3.05	—	354	—	µg/L	—	3.05	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.305	—	885	—	µg/L	—	0.305	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.05	—	1.52	—	µg/L	—	3.05	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	5.08	—	38.7	—	µg/L	—	5.08	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	3.05	—	2.37	—	µg/L	—	3.05	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	3.05	—	0.485	—	µg/L	—	3.05	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.305	—	200	—	µg/L	—	0.305	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	3.05	—	7	—	µg/L	—	3.05	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.05	—	4.59	—	µg/L	—	3.05	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	Y	0.346	—	4.59	—	µg/L	—	0.1	Y	J	J	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	3.05	—	122	—	µg/L	—	3.05	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.305	—	802	—	µg/L	—	0.305	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.305	—	288	—	µg/L	—	0.305	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.414	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.341	0.705	15	2.012*[f]	pCi/L	2.84	—	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.937	0.515	—	3.81*[f]	pCi/L	1.69	—	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	85.7	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	3.05	—	1	—	µg/L	—	3.05	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	3.05	—	1.39	—	µg/L	—	3.05	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	3.05	—	50	—	µg/L	—	3.05	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	3.05	—	3.28	—	µg/L	—	3.05	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.305	—	0.343	—	µg/L	—	0.305	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.56	—	781	—	µg/L	—	3.56	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.64	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.305	—	11.4	—	µg/L	—	0.305	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.305	—	35.1	—	µg/L	—	0.305	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	3.05	—	930	—	µg/L	—	3.05	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.76	—	1900	—	µg/L	—	3.76	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	0.492	—	1000	2.37*[f]	µg/L	—	0.2	Y	J	J	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.305	—	1.65	—	µg/L	—	0.305	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	3.18	2.55	—	4.72*[f]	pCi/L	9.61	—	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	6.77	—	200	2.75*[f]	µg/L	—	0.6	Y	—	NQ	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.44	—	10	0.748*[f]	mg/L	—	0.085	Y	—	NQ	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	3.05	—	190	—	µg/L	—	3.05	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	3.05	—	—	—	µg/L	—	3.05	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	3.05	—	38	—	µg/L	—	3.05	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	3.05	—	1.4	—	µg/L	—	3.05	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	3.05	—	—	—	µg/L	—	3.05	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	3.05	—	—	—	µg/L	—	3.05	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	—	0.00167	—	µg/L	—	0.00018	Y	U	U	N3B-2020-384	CAMO-20-189175	SwRI
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.05	—	0.00167	—	µg/L	—	3.05	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00036	—	0.00491	—	µg/L	—	0.00036	Y	U	U	N3B-2020-384	CAMO-20-189175	SwRI
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.05	—	0.00491	—	µg/L	—	3.05	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.00047	—	0.0273	—	µg/L	—	0.00047	Y	U	UJ	N3B-2020-384	CAMO-20-189175	SwRI
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.05	—	0.0273	—	µg/L	—	3.05	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	—	0.11	—	µg/L	—	0.00018	Y	U	U	N3B-2020-384	CAMO-20-189175	SwRI
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.05	—	0.11	—	µg/L	—	3.05	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	—	0.37	—	µg/L	—	0.00033	Y	U	U	N3B-2020-384	CAMO-20-189175	SwRI
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	3.05	—	0.37	—	µg/L	—	3.05	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.05	—	9.81	—	µg/L	—	3.05	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	3.05	—	3.07	—	µg/L	—	3.05	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	3.05	—	1	—	µg/L	—	3.05	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.396	—	13.8	0.412*[f]	µg/L	—	0.05	Y	—	J	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.623	—	70	—	ng/L	—	0.623	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.755	—	70	—	ng/L	—	0.755	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.755	—	70	—	ng/L	—	0.755	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.305	—	170	—	µg/L	—	0.305	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	3.05	—	5	—	µg/L	—	3.05	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00208	0.00623	—	0.00994*[f]	pCi/L	0.0404	—	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00000000173	0.00719	—	0.0171*[f]	pCi/L	0.0324	—	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.7	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-12.3	17.1	—	35.6*[f]	pCi/L	62.8	—	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.05	—	250	2.06*[f]	µg/L	—	3.05	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.305	—	117	—	µg/L	—	0.305	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	3.05	—	20	—	µg/L	—	3.05	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	3.84	0.461	5	—	pCi/L	0.659	—	Y	—	NQ	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	3.84	0.492	5	—	pCi/L	—	—	Y	—	NQ	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.0371	0.17	5	—	pCi/L	0.644	—	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.5	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.7	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.75	1.66	—	1.93*[f]	pCi/L	6.0	—	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	230.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	99.3	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.377	0.152	8	0.355*[f]	pCi/L	0.489	—	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	20.2	—	600	4.51*[f]	mg/L	—	0.665	Y	—	NQ	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.05	—	20	2.06*[f]	µg/L	—	3.05	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.05	—	1.66	—	µg/L	—	3.05	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.05	—	240	—	µg/L	—	3.05	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	12000	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	229.0	—	1000	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.165*[f]	mg/L	—	0.033	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.501	—	—	0.982*[f]	mg/L	—	0.33	Y	J	J	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Total PFAS	PFAS-Tot-3a	N	0.0	—	70	—	ng/L	—	1.89	—	U	—	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.022	—	—	0.0822*[f]	mg/L	—	0.02	Y	J	J	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	3.05	—	70	—	µg/L	—	3.05	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	3.05	—	1170	—	µg/L	—	3.05	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	3.05	—	11.9	—	µg/L	—	3.05	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC

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Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	44.824	6.887	20000	2.06*[f]	pCi/L	2.932	—	Y	—	NQ	N3B-2020-398	CAMO-20-189175	ARSL
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.633	—	30	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.474	0.0454	27.2	0.653*[f]	pCi/L	0.08	—	Y	—	NQ	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0178	0.012	28.8	0.0423*[f]	pCi/L	0.0577	—	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.175	0.0275	30	0.322*[f]	pCi/L	0.0935	—	Y	—	NQ	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.79	—	63.1	10.7*[f]	µg/L	—	1.0	Y	J	J	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	9.55	—	10000	14.4*[f]	µg/L	—	3.3	Y	J	J	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.55	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.55	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.4	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.8	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Aluminum	Al	N	19.3	—	—	68*[f]	µg/L	—	19.3	Y	U	U	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Aluminum	Al	N	19.3	—	—	68*[f]	µg/L	—	19.3	Y	U	U	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0379	—	—	0.1*[f]	mg/L	—	0.017	Y	J	U	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.12	—	—	0.1*[f]	mg/L	—	0.017	Y	—	U	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Antimony	Sb	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	N	2.0	—	—	2.7*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Arsenic	As	N	2.0	—	—	2.7*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	33.4	—	—	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	33.1	—	—	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Beryllium	Be	N	0.2	—	—	1*[f]	µg/L	—	0.2	Y	U	U	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Beryllium	Be	N	0.2	—	—	1*[f]	µg/L	—	0.2	Y	U	U	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	—	18.7*[f]	µg/L	—	15.0	Y	U	U	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	—	18.7*[f]	µg/L	—	15.0	Y	U	U	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.138	—	—	0.067*[f]	mg/L	—	0.067	Y	J	J+	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.136	—	—	0.067*[f]	mg/L	—	0.067	Y	J	J+	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	—	—	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	—	—	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	21.8	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	21.6	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	18.2	—	—	2.61*[f]	mg/L	—	0.134	Y	—	J+	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	17.6	—	—	2.61*[f]	mg/L	—	0.134	Y	—	J+	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	44.1	—	—	6.6*[f]	µg/L	—	3.0	Y	—	NQ	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Chromium	Cr	Y	43.1	—	—	6.6*[f]	µg/L	—	3.0	Y	—	NQ	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cobalt	Co	N	0.3	—	—	1*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Cobalt	Co	N	0.3	—	—	1*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Copper	Cu	Y	0.677	—	—	3*[f]	µg/L	—	0.3	Y	J	J	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Copper	Cu	Y	0.622	—	—	3*[f]	µg/L	—	0.3	Y	J	J	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	09/20/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-3451	CAMO-19-186529	GELC
R-50 S1	1077.0	09/20/2019	WG	UF	INIT	FD	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-3451	CAMO-19-186533	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.368	—	—	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.359	—	—	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	80.9	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	79.9	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	—	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	—	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	—	—	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	—	—	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.41	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.33	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	—	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	—	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	09/20/2019	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.208	—	—	0.067*[f]	µg/L	—	0.067	Y	—	U	N3B-2019-3451	CAMO-19-186529	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.223	—	—	0.067*[f]	µg/L	—	0.067	Y	—	U	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	UF	INIT	FD	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.259	—	—	0.067*[f]	µg/L	—	0.067	Y	—	U	N3B-2019-3451	CAMO-19-186533	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.265	—	—	0.067*[f]	µg/L	—	0.067	Y	—	U	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	0.623	—	—	2.37*[f]	µg/L	—	0.2	Y	J	J	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	0.628	—	—	2.37*[f]	µg/L	—	0.2	Y	J	J	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	5.32	—	—	2.75*[f]	µg/L	—	0.6	Y	—	NQ	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Nickel	Ni	Y	5.36	—	—	2.75*[f]	µg/L	—	0.6	Y	—	NQ	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.25	—	—	0.748*[f]	mg/L	—	0.085	Y	—	NQ	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.29	—	—	0.748*[f]	mg/L	—	0.085	Y	—	NQ	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.376	—	—	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.372	—	—	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.7	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	1.6	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	2.0	—	—	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Selenium	Se	N	2.0	—	—	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.2	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.5	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	—	—	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	—	—	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.2	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.0	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	210.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	210.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	91.2	—	—	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	90.5	—	—	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	18.1	—	—	4.51*[f]	mg/L	—	0.133	Y	—	J+	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	18.1	—	—	4.51*[f]	mg/L	—	0.133	Y	—	J+	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	09/20/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-3451	CAMO-19-186529	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-3451	CAMO-19-186533	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	—	—	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	—	—	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	194.0	—	—	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	159.0	—	—	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	09/20/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0661	—	—	0.165*[f]	mg/L	—	0.033	Y	J	U	N3B-2019-3451	CAMO-19-186529	GELC
R-50 S1	1077.0	09/20/2019	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.039	—	—	0.165*[f]	mg/L	—	0.033	Y	J	U	N3B-2019-3451	CAMO-19-186533	GELC
R-50 S1	1077.0	09/20/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.338	—	—	0.982*[f]	mg/L	—	0.33	Y	J	J	N3B-2019-3451	CAMO-19-186529	GELC
R-50 S1	1077.0	09/20/2019	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2019-3451	CAMO-19-186533	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0961	—	—	0.0822*[f]	mg/L	—	0.02	Y	—	U	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0809	—	—	0.0822*[f]	mg/L	—	0.02	Y	—	U	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.597	—	—	1.06*[f]	µg/L	—	0.067	Y	—	J+	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Uranium	U	Y	0.561	—	—	1.06*[f]	µg/L	—	0.067	Y	—	J+	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Vanadium	V	N	8.79	—	—	10.7*[f]	µg/L	—	3.3	Y	J	U	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Vanadium	V	N	8.61	—	—	10.7*[f]	µg/L	—	3.3	Y	J	U	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Zinc	Zn	N	16.6	—	—	14.4*[f]	µg/L	—	3.3	Y	J	U	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Zinc	Zn	N	15.8	—	—	14.4*[f]	µg/L	—	3.3	Y	J	U	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	08/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.75	—	—	—	SU	—	0.01	Y	H	J-	N3B-2019-3104	CAMO-19-184737	GELC
R-50 S1	1077.0	08/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	UH	U	N3B-2019-3104	CAMO-19-184737	GELC
R-50 S1	1077.0	08/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.4	—	—	69.92*[f]	mg/L	—	1.45	Y	H	NQ	N3B-2019-3104	CAMO-19-184737	GELC
R-50 S1	1077.0	08/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	—	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-3104	CAMO-19-184737	GELC
R-50 S1	1077.0	08/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0621	—	—	0.1*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2019-3104	CAMO-19-184737	GELC
R-50 S1	1077.0	08/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-3104	CAMO-19-184737	GELC
R-50 S1	1077.0	08/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.63	—	—	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-3104	CAMO-19-184737	GELC
R-50 S1	1077.0	08/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	34.7	—	—	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-3104	CAMO-19-184737	GELC
R-50 S1	1077.0	08/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-3104	CAMO-19-184737	GELC
R-50 S1	1077.0	08/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	—	18.7*[f]	µg/L	—	15.0	Y	U	U	N3B-2019-3104	CAMO-19-184737	GELC
R-50 S1	1077.0	08/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	N	U	U	N3B-2019-3104	CAMO-19-184737	GELC
R-50 S1	1077.0	08/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.127	—	—	0.067*[f]	mg/L	—	0.067	Y	HJ	J-	N3B-2019-3104	CAMO-19-184737	GELC
R-50 S1	1077.0	08/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	—	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-3104	CAMO-19-184737	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-50 S1	1077.0	08/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	22.9	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-3104	CAMO-19-184737	GELC
R-50 S1	1077.0	08/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.14	—	—	2.61*[f]	mg/L	—	0.067	N	—	NQ	N3B-2019-3104	CAMO-19-184737	GELC
R-50 S1	1077.0	08/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	15.8	—	—	2.61*[f]	mg/L	—	0.335	Y	H	J-	N3B-2019-3104	CAMO-19-184737	GELC
R-50 S1	1077.0	08/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	57.4	—	—	6.6*[f]	µg/L	—	3.0	Y	—	NQ	N3B-2019-3104	CAMO-19-184737	GELC
R-50 S1	1077.0	08/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-3104	CAMO-19-184737	GELC
R-50 S1	1077.0	08/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	—	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-3104	CAMO-19-184737	GELC
R-50 S1	1077.0	08/22/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-3104	CAMO-19-184738	GELC
R-50 S1	1077.0	08/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	N	0.033	—	—	0.382*[f]	mg/L	—	0.033	N	U	U	N3B-2019-3104	CAMO-19-184737	GELC
R-50 S1	1077.0	08/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.308	—	—	0.382*[f]	mg/L	—	0.033	Y	H	J-	N3B-2019-3104	CAMO-19-184737	GELC
R-50 S1	1077.0	08/22/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	85.2	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-3104	CAMO-19-184737	GELC
R-50 S1	1077.0	08/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	—	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-3104	CAMO-19-184737	GELC
R-50 S1	1077.0	08/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	—	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-3104	CAMO-19-184737	GELC
R-50 S1	1077.0	08/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.8	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-3104	CAMO-19-184737	GELC
R-50 S1	1077.0	08/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	—	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-3104	CAMO-19-184737	GELC
R-50 S1	1077.0	08/22/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-3104	CAMO-19-184737	GELC
R-50 S1	1077.0	08/22/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-3104	CAMO-19-184738	GELC
R-50 S1	1077.0	08/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.566	—	—	2.37*[f]	µg/L	—	0.2	Y	J	J	N3B-2019-3104	CAMO-19-184737	GELC
R-50 S1	1077.0	08/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	5.52	—	—	2.75*[f]	µg/L	—	0.6	Y	—	NQ	N3B-2019-3104	CAMO-19-184737	GELC
R-50 S1	1077.0	08/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.38	—	—	0.748*[f]	mg/L	—	0.085	Y	—	NQ	N3B-2019-3104	CAMO-19-184737	GELC
R-50 S1	1077.0	08/22/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.406	—	—	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-3104	CAMO-19-184737	GELC
R-50 S1	1077.0	08/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.52	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-3104	CAMO-19-184737	GELC
R-50 S1	1077.0	08/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	—	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-3104	CAMO-19-184737	GELC
R-50 S1	1077.0	08/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.6	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-3104	CAMO-19-184737	GELC
R-50 S1	1077.0	08/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	—	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-3104	CAMO-19-184737	GELC
R-50 S1	1077.0	08/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.7	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-3104	CAMO-19-184737	GELC
R-50 S1	1077.0	08/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	212.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-3104	CAMO-19-184737	GELC
R-50 S1	1077.0	08/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	96.0	—	—	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-3104	CAMO-19-184737	GELC
R-50 S1	1077.0	08/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.26	—	—	4.51*[f]	mg/L	—	0.133	N	—	NQ	N3B-2019-3104	CAMO-19-184737	GELC
R-50 S1	1077.0	08/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	18.5	—	—	4.51*[f]	mg/L	—	0.133	Y	H	J-	N3B-2019-3104	CAMO-19-184737	GELC
R-50 S1	1077.0	08/22/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-3104	CAMO-19-184737	GELC
R-50 S1	1077.0	08/22/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-3104	CAMO-19-184738	GELC
R-50 S1	1077.0	08/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	—	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-3104	CAMO-19-184737	GELC
R-50 S1	1077.0	08/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2019-3104	CAMO-19-184737	GELC
R-50 S1	1077.0	08/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	216.0	—	—	159*[f]	mg/L	—	3.4	Y	—	J+	N3B-2019-3104	CAMO-19-184737	GELC
R-50 S1	1077.0	08/22/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.108	—	—	0.165*[f]	mg/L	—	0.033	Y	—	U	N3B-2019-3104	CAMO-19-184738	GELC
R-50 S1	1077.0	08/22/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.469	—	—	0.982*[f]	mg/L	—	0.33	Y	J	J	N3B-2019-3104	CAMO-19-184738	GELC
R-50 S1	1077.0	08/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.1	—	—	0.0822*[f]	mg/L	—	0.02	Y	—	NQ	N3B-2019-3104	CAMO-19-184737	GELC
R-50 S1	1077.0	08/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.614	—	—	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-3104	CAMO-19-184737	GELC
R-50 S1	1077.0	08/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.24	—	—	10.7*[f]	µg/L	—	1.0	Y	J	J	N3B-2019-3104	CAMO-19-184737	GELC
R-50 S1	1077.0	08/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	15.8	—	—	14.4*[f]	µg/L	—	3.3	Y	J	U	N3B-2019-3104	CAMO-19-184737	GELC
R-50 S1	1077.0	07/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.6	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-2573	CAMO-19-181859	GELC
R-50 S1	1077.0	07/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-2573	CAMO-19-181859	GELC
R-50 S1	1077.0	07/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.0	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-2573	CAMO-19-181859	GELC
R-50 S1	1077.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-2573	CAMO-19-181859	GELC
R-50 S1	1077.0	07/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.118	—	—	0.1*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2019-2573	CAMO-19-181859	GELC
R-50 S1	1077.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2573	CAMO-19-181859	GELC
R-50 S1	1077.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	3.91	—	10	2.7*[f]	µg/L	—	2.0	Y	J	U	N3B-2019-2573	CAMO-19-181859	GELC
R-50 S1	1077.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	34.5	—	2000	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2573	CAMO-19-181859	GELC
R-50 S1	1077.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2573	CAMO-19-181859	GELC
R-50 S1	1077.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	750	18.7*[f]	µg/L	—	15.0	Y	U	U	N3B-2019-2573	CAMO-19-181859	GELC
R-50 S1	1077.0	07/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.121	—	—	0.067*[f]	mg/L	—	0.067	Y	J	J	N3B-2019-2573	CAMO-19-181859	GELC
R-50 S1	1077.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-2573	CAMO-19-181859	GELC
R-50 S1	1077.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	24.1	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-2573	CAMO-19-181859	GELC
R-50 S1	1077.0	07/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	15.7	—	250	2.61*[f]	mg/L	—	0.335	Y	H	J-	N3B-2019-2573	CAMO-19-181859	GELC
R-50 S1	1077.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	54.9	—	50	6.6*[f]	µg/L	—	3.0	Y	—	NQ	N3B-2019-2573	CAMO-19-181859	GELC
R-50 S1	1077.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2573	CAMO-19-181859	GELC
R-50 S1	1077.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-2573	CAMO-19-181859	GELC
R-50 S1	1077.0	07/17/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-2573	CAMO-19-181860	GELC
R-50 S1	1077.0	07/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.233	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-2573	CAMO-19-181859	GELC
R-50 S1	1077.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	88.0	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-2573	CAMO-19-181859	GELC
R-50 S1	1077.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-2573	CAMO-19-181859	GELC
R-50 S1	1077.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-2573	CAMO-19-181859	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-50 S1	1077.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.76	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-2573	CAMO-19-181859	GELC
R-50 S1	1077.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2573	CAMO-19-181859	GELC
R-50 S1	1077.0	07/17/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-2573	CAMO-19-181859	GELC
R-50 S1	1077.0	07/17/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-2573	CAMO-19-181860	GELC
R-50 S1	1077.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.766	—	1000	2.37*[f]	µg/L	—	0.2	Y	J	J	N3B-2019-2573	CAMO-19-181859	GELC
R-50 S1	1077.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	9.57	—	200	2.75*[f]	µg/L	—	0.6	Y	—	NQ	N3B-2019-2573	CAMO-19-181859	GELC
R-50 S1	1077.0	07/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.52	—	10	0.748*[f]	mg/L	—	0.085	Y	—	NQ	N3B-2019-2573	CAMO-19-181859	GELC
R-50 S1	1077.0	07/17/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.381	—	13.8	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-2573	CAMO-19-181859	GELC
R-50 S1	1077.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.56	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-2573	CAMO-19-181859	GELC
R-50 S1	1077.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2573	CAMO-19-181859	GELC
R-50 S1	1077.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.1	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-2573	CAMO-19-181859	GELC
R-50 S1	1077.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-2573	CAMO-19-181859	GELC
R-50 S1	1077.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	13.1	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-2573	CAMO-19-181859	GELC
R-50 S1	1077.0	07/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	254.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-2573	CAMO-19-181859	GELC
R-50 S1	1077.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	99.4	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2573	CAMO-19-181859	GELC
R-50 S1	1077.0	07/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	18.2	—	600	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-2573	CAMO-19-181859	GELC
R-50 S1	1077.0	07/17/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2573	CAMO-19-181859	GELC
R-50 S1	1077.0	07/17/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2573	CAMO-19-181860	GELC
R-50 S1	1077.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-2573	CAMO-19-181859	GELC
R-50 S1	1077.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	12000	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2019-2573	CAMO-19-181859	GELC
R-50 S1	1077.0	07/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	161.0	—	1000	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-2573	CAMO-19-181859	GELC
R-50 S1	1077.0	07/17/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0907	—	—	0.165*[f]	mg/L	—	0.033	Y	J	U	N3B-2019-2573	CAMO-19-181860	GELC
R-50 S1	1077.0	07/17/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.375	—	—	0.982*[f]	mg/L	—	0.33	Y	J	J	N3B-2019-2573	CAMO-19-181860	GELC
R-50 S1	1077.0	07/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0751	—	—	0.0822*[f]	mg/L	—	0.02	Y	—	NQ	N3B-2019-2573	CAMO-19-181859	GELC
R-50 S1	1077.0	07/17/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	27.867	4.396	20000	2.06*[f]	pCi/L	3.249	—	Y	—	NQ	N3B-2019-2583	CAMO-19-181860	ARSL
R-50 S1	1077.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.775	—	30	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-2573	CAMO-19-181859	GELC
R-50 S1	1077.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.43	—	63.1	10.7*[f]	µg/L	—	1.0	Y	J	J	N3B-2019-2573	CAMO-19-181859	GELC
R-50 S1	1077.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	24.7	—	10000	14.4*[f]	µg/L	—	3.3	Y	—	J+	N3B-2019-2573	CAMO-19-181859	GELC
R-50 S1	1077.0	06/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.75	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-2213	CAMO-19-181691	GELC
R-50 S1	1077.0	06/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-2213	CAMO-19-181691	GELC
R-50 S1	1077.0	06/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.4	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-2213	CAMO-19-181691	GELC
R-50 S1	1077.0	06/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	—	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-2213	CAMO-19-181691	GELC
R-50 S1	1077.0	06/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0623	—	—	0.1*[f]	mg/L	—	0.017	Y	—	U	N3B-2019-2213	CAMO-19-181691	GELC
R-50 S1	1077.0	06/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2213	CAMO-19-181691	GELC
R-50 S1	1077.0	06/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.03	—	—	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-2213	CAMO-19-181691	GELC
R-50 S1	1077.0	06/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	32.6	—	—	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2213	CAMO-19-181691	GELC
R-50 S1	1077.0	06/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2213	CAMO-19-181691	GELC
R-50 S1	1077.0	06/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	—	18.7*[f]	µg/L	—	15.0	Y	U	U	N3B-2019-2213	CAMO-19-181691	GELC
R-50 S1	1077.0	06/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.15	—	—	0.067*[f]	mg/L	—	0.067	Y	J	J-	N3B-2019-2213	CAMO-19-181691	GELC
R-50 S1	1077.0	06/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	—	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-2213	CAMO-19-181691	GELC
R-50 S1	1077.0	06/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	23.7	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-2213	CAMO-19-181691	GELC
R-50 S1	1077.0	06/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	17.9	—	—	2.61*[f]	mg/L	—	0.335	Y	—	J-	N3B-2019-2213	CAMO-19-181691	GELC
R-50 S1	1077.0	06/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	44.9	—	—	6.6*[f]	µg/L	—	3.0	Y	—	NQ	N3B-2019-2213	CAMO-19-181691	GELC
R-50 S1	1077.0	06/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2213	CAMO-19-181691	GELC
R-50 S1	1077.0	06/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	—	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-2213	CAMO-19-181691	GELC
R-50 S1	1077.0	06/17/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-2213	CAMO-19-181692	GELC
R-50 S1	1077.0	06/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.342	—	—	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-2213	CAMO-19-181691	GELC
R-50 S1	1077.0	06/17/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	86.0	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-2213	CAMO-19-181691	GELC
R-50 S1	1077.0	06/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	—	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-2213	CAMO-19-181691	GELC
R-50 S1	1077.0	06/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	—	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-2213	CAMO-19-181691	GELC
R-50 S1	1077.0	06/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.52	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-2213	CAMO-19-181691	GELC
R-50 S1	1077.0	06/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	—	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2213	CAMO-19-181691	GELC
R-50 S1	1077.0	06/17/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-2213	CAMO-19-181691	GELC
R-50 S1	1077.0	06/17/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-2213	CAMO-19-181692	GELC
R-50 S1	1077.0	06/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.539	—	—	2.37*[f]	µg/L	—	0.2	Y	J	J	N3B-2019-2213	CAMO-19-181691	GELC
R-50 S1	1077.0	06/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	7.46	—	—	2.75*[f]	µg/L	—	0.6	Y	—	NQ	N3B-2019-2213	CAMO-19-181691	GELC
R-50 S1	1077.0	06/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.56	—	—	0.748*[f]	mg/L	—	0.085	Y	—	NQ	N3B-2019-2213	CAMO-19-181691	GELC
R-50 S1	1077.0	06/17/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.436	—	—	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-2213	CAMO-19-181691	GELC
R-50 S1	1077.0	06/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.45	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-2213	CAMO-19-181691	GELC
R-50 S1	1077.0	06/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	—	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2213	CAMO-19-181691	GELC
R-50 S1	1077.0	06/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.4	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-2213	CAMO-19-181691	GELC
R-50 S1	1077.0	06/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	—	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-2213	CAMO-19-181691	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-50 S1	1077.0	06/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.6	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-2213	CAMO-19-181691	GELC
R-50 S1	1077.0	06/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	250.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-2213	CAMO-19-181691	GELC
R-50 S1	1077.0	06/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	92.0	—	—	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2213	CAMO-19-181691	GELC
R-50 S1	1077.0	06/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	19.1	—	—	4.51*[f]	mg/L	—	0.665	Y	—	J-	N3B-2019-2213	CAMO-19-181691	GELC
R-50 S1	1077.0	06/17/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2213	CAMO-19-181691	GELC
R-50 S1	1077.0	06/17/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2213	CAMO-19-181692	GELC
R-50 S1	1077.0	06/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	—	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-2213	CAMO-19-181691	GELC
R-50 S1	1077.0	06/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.83	—	—	13*[f]	µg/L	—	2.5	Y	J	U	N3B-2019-2213	CAMO-19-181691	GELC
R-50 S1	1077.0	06/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	176.0	—	—	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-2213	CAMO-19-181691	GELC
R-50 S1	1077.0	06/17/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.165*[f]	mg/L	—	0.033	Y	U	U	N3B-2019-2213	CAMO-19-181692	GELC
R-50 S1	1077.0	06/17/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2019-2213	CAMO-19-181692	GELC
R-50 S1	1077.0	06/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	—	0.0822*[f]	mg/L	—	0.02	Y	U	U	N3B-2019-2213	CAMO-19-181691	GELC
R-50 S1	1077.0	06/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.663	—	—	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-2213	CAMO-19-181691	GELC
R-50 S1	1077.0	06/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.93	—	—	10.7*[f]	µg/L	—	1.0	Y	J	J	N3B-2019-2213	CAMO-19-181691	GELC
R-50 S1	1077.0	06/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	17.4	—	—	14.4*[f]	µg/L	—	3.3	Y	J	U	N3B-2019-2213	CAMO-19-181691	GELC
R-50 S1	1077.0	05/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.88	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-1877	CAMO-19-175165	GELC
R-50 S1	1077.0	05/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-1877	CAMO-19-175165	GELC
R-50 S1	1077.0	05/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.2	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-1877	CAMO-19-175165	GELC
R-50 S1	1077.0	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-1877	CAMO-19-175165	GELC
R-50 S1	1077.0	05/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0789	—	—	0.1*[f]	mg/L	—	0.017	Y	—	U	N3B-2019-1877	CAMO-19-175165	GELC
R-50 S1	1077.0	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1877	CAMO-19-175165	GELC
R-50 S1	1077.0	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.64	—	10	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-1877	CAMO-19-175165	GELC
R-50 S1	1077.0	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	31.3	—	2000	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1877	CAMO-19-175165	GELC
R-50 S1	1077.0	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1877	CAMO-19-175165	GELC
R-50 S1	1077.0	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	750	18.7*[f]	µg/L	—	15.0	Y	U	U	N3B-2019-1877	CAMO-19-175165	GELC
R-50 S1	1077.0	05/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.128	—	—	0.067*[f]	mg/L	—	0.067	Y	J	J	N3B-2019-1877	CAMO-19-175165	GELC
R-50 S1	1077.0	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-1877	CAMO-19-175165	GELC
R-50 S1	1077.0	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	22.6	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-1877	CAMO-19-175165	GELC
R-50 S1	1077.0	05/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	17.2	—	250	2.61*[f]	mg/L	—	0.335	Y	—	NQ	N3B-2019-1877	CAMO-19-175165	GELC
R-50 S1	1077.0	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	51.2	—	50	6.6*[f]	µg/L	—	3.0	Y	—	NQ	N3B-2019-1877	CAMO-19-175165	GELC
R-50 S1	1077.0	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1877	CAMO-19-175165	GELC
R-50 S1	1077.0	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-1877	CAMO-19-175165	GELC
R-50 S1	1077.0	05/09/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-1877	CAMO-19-175166	GELC
R-50 S1	1077.0	05/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.369	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-1877	CAMO-19-175165	GELC
R-50 S1	1077.0	05/09/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	85.4	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-1877	CAMO-19-175165	GELC
R-50 S1	1077.0	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-1877	CAMO-19-175165	GELC
R-50 S1	1077.0	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-1877	CAMO-19-175165	GELC
R-50 S1	1077.0	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	7.0	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-1877	CAMO-19-175165	GELC
R-50 S1	1077.0	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1877	CAMO-19-175165	GELC
R-50 S1	1077.0	05/09/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-1877	CAMO-19-175165	GELC
R-50 S1	1077.0	05/09/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-1877	CAMO-19-175166	GELC
R-50 S1	1077.0	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.571	—	1000	2.37*[f]	µg/L	—	0.2	Y	J	J	N3B-2019-1877	CAMO-19-175165	GELC
R-50 S1	1077.0	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	3.82	—	200	2.75*[f]	µg/L	—	0.6	Y	—	NQ	N3B-2019-1877	CAMO-19-175165	GELC
R-50 S1	1077.0	05/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.49	—	10	0.748*[f]	mg/L	—	0.085	Y	—	NQ	N3B-2019-1877	CAMO-19-175165	GELC
R-50 S1	1077.0	05/09/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.364	—	13.8	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-1877	CAMO-19-175165	GELC
R-50 S1	1077.0	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.37	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-1877	CAMO-19-175165	GELC
R-50 S1	1077.0	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1877	CAMO-19-175165	GELC
R-50 S1	1077.0	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.2	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-1877	CAMO-19-175165	GELC
R-50 S1	1077.0	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-1877	CAMO-19-175165	GELC
R-50 S1	1077.0	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.1	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-1877	CAMO-19-175165	GELC
R-50 S1	1077.0	05/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	244.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-1877	CAMO-19-175165	GELC
R-50 S1	1077.0	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	93.0	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1877	CAMO-19-175165	GELC
R-50 S1	1077.0	05/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	18.4	—	600	4.51*[f]	mg/L	—	0.665	Y	—	NQ	N3B-2019-1877	CAMO-19-175165	GELC
R-50 S1	1077.0	05/09/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1877	CAMO-19-175165	GELC
R-50 S1	1077.0	05/09/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1877	CAMO-19-175166	GELC
R-50 S1	1077.0	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-1877	CAMO-19-175165	GELC
R-50 S1	1077.0	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	8.36	—	12000	13*[f]	µg/L	—	2.5	Y	J	U	N3B-2019-1877	CAMO-19-175165	GELC
R-50 S1	1077.0	05/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	194.0	—	1000	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-1877	CAMO-19-175165	GELC
R-50 S1	1077.0	05/09/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0529	—	—	0.165*[f]	mg/L	—	0.033	Y	J	J	N3B-2019-1877	CAMO-19-175166	GELC
R-50 S1	1077.0	05/09/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2019-1877	CAMO-19-175166	GELC
R-50 S1	1077.0	05/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0318	—	—	0.0822*[f]	mg/L	—	0.02	Y	J	U	N3B-2019-1877	CAMO-19-175165	GELC
R-50 S1	1077.0	05/09/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	27.004	4.223	20000	2.06*[f]	pCi/L	2.754	—	Y	—	NQ	N3B-2019-1983	CAMO-19-175166	ARSL

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-50 S1	1077.0	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.669	—	30	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-1877	CAMO-19-175165	GELC
R-50 S1	1077.0	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.04	—	63.1	10.7*[f]	µg/L	—	1.0	Y	J	J	N3B-2019-1877	CAMO-19-175165	GELC
R-50 S1	1077.0	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	4.88	—	10000	14.4*[f]	µg/L	—	3.3	Y	J	J	N3B-2019-1877	CAMO-19-175165	GELC
R-50 S1	1077.0	04/29/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.88	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-1636	CAMO-19-174828	GELC
R-50 S1	1077.0	04/29/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-1636	CAMO-19-174828	GELC
R-50 S1	1077.0	04/29/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.6	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-1636	CAMO-19-174828	GELC
R-50 S1	1077.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	—	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-1636	CAMO-19-174828	GELC
R-50 S1	1077.0	04/29/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0487	—	—	0.1*[f]	mg/L	—	0.017	Y	J	U	N3B-2019-1636	CAMO-19-174828	GELC
R-50 S1	1077.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1636	CAMO-19-174828	GELC
R-50 S1	1077.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	2.0	—	—	2.7*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1636	CAMO-19-174828	GELC
R-50 S1	1077.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	31.2	—	—	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1636	CAMO-19-174828	GELC
R-50 S1	1077.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1636	CAMO-19-174828	GELC
R-50 S1	1077.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	—	18.7*[f]	µg/L	—	15.0	Y	U	U	N3B-2019-1636	CAMO-19-174828	GELC
R-50 S1	1077.0	04/29/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.133	—	—	0.067*[f]	mg/L	—	0.067	Y	J	J	N3B-2019-1636	CAMO-19-174828	GELC
R-50 S1	1077.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	—	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-1636	CAMO-19-174828	GELC
R-50 S1	1077.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	22.0	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-1636	CAMO-19-174828	GELC
R-50 S1	1077.0	04/29/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	18.3	—	—	2.61*[f]	mg/L	—	0.335	Y	—	NQ	N3B-2019-1636	CAMO-19-174828	GELC
R-50 S1	1077.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	52.6	—	—	6.6*[f]	µg/L	—	3.0	Y	—	NQ	N3B-2019-1636	CAMO-19-174828	GELC
R-50 S1	1077.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1636	CAMO-19-174828	GELC
R-50 S1	1077.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	—	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-1636	CAMO-19-174828	GELC
R-50 S1	1077.0	04/29/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-1636	CAMO-19-174827	GELC
R-50 S1	1077.0	04/29/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.348	—	—	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-1636	CAMO-19-174828	GELC
R-50 S1	1077.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	82.7	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-1636	CAMO-19-174828	GELC
R-50 S1	1077.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	—	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-1636	CAMO-19-174828	GELC
R-50 S1	1077.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	—	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-1636	CAMO-19-174828	GELC
R-50 S1	1077.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.77	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-1636	CAMO-19-174828	GELC
R-50 S1	1077.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	—	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1636	CAMO-19-174828	GELC
R-50 S1	1077.0	04/29/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-1636	CAMO-19-174827	GELC
R-50 S1	1077.0	04/29/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-1636	CAMO-19-174828	GELC
R-50 S1	1077.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.626	—	—	2.37*[f]	µg/L	—	0.2	Y	J	J	N3B-2019-1636	CAMO-19-174828	GELC
R-50 S1	1077.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	3.9	—	—	2.75*[f]	µg/L	—	0.6	Y	—	NQ	N3B-2019-1636	CAMO-19-174828	GELC
R-50 S1	1077.0	04/29/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.46	—	—	0.748*[f]	mg/L	—	0.17	Y	—	NQ	N3B-2019-1636	CAMO-19-174828	GELC
R-50 S1	1077.0	04/29/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.403	—	—	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-1636	CAMO-19-174828	GELC
R-50 S1	1077.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.49	—	—	2.357*[f]	mg/L	—	0.05	Y	—	J+	N3B-2019-1636	CAMO-19-174828	GELC
R-50 S1	1077.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	—	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1636	CAMO-19-174828	GELC
R-50 S1	1077.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.1	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-1636	CAMO-19-174828	GELC
R-50 S1	1077.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	—	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-1636	CAMO-19-174828	GELC
R-50 S1	1077.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.7	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-1636	CAMO-19-174828	GELC
R-50 S1	1077.0	04/29/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	243.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-1636	CAMO-19-174828	GELC
R-50 S1	1077.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	95.5	—	—	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1636	CAMO-19-174828	GELC
R-50 S1	1077.0	04/29/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	19.6	—	—	4.51*[f]	mg/L	—	0.665	Y	—	NQ	N3B-2019-1636	CAMO-19-174828	GELC
R-50 S1	1077.0	04/29/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1636	CAMO-19-174827	GELC
R-50 S1	1077.0	04/29/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1636	CAMO-19-174828	GELC
R-50 S1	1077.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	—	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-1636	CAMO-19-174828	GELC
R-50 S1	1077.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	8.71	—	—	13*[f]	µg/L	—	2.5	Y	J	U	N3B-2019-1636	CAMO-19-174828	GELC
R-50 S1	1077.0	04/29/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	167.0	—	—	159*[f]	mg/L	—	3.4	Y	—	J+	N3B-2019-1636	CAMO-19-174828	GELC
R-50 S1	1077.0	04/29/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.165*[f]	mg/L	—	0.033	Y	U	U	N3B-2019-1636	CAMO-19-174827	GELC
R-50 S1	1077.0	04/29/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.344	—	—	0.982*[f]	mg/L	—	0.33	Y	J	J	N3B-2019-1636	CAMO-19-174827	GELC
R-50 S1	1077.0	04/29/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0534	—	—	0.0822*[f]	mg/L	—	0.02	Y	—	U	N3B-2019-1636	CAMO-19-174828	GELC
R-50 S1	1077.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.708	—	—	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-1636	CAMO-19-174828	GELC
R-50 S1	1077.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.84	—	—	10.7*[f]	µg/L	—	1.0	Y	J	J	N3B-2019-1636	CAMO-19-174828	GELC
R-50 S1	1077.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	6.22	—	—	14.4*[f]	µg/L	—	3.3	Y	J	J	N3B-2019-1636	CAMO-19-174828	GELC
R-50 S1	1077.0	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.85	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-1131	CAMO-19-167708	GELC
R-50 S1	1077.0	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-1131	CAMO-19-167708	GELC
R-50 S1	1077.0	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.8	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-1131	CAMO-19-167708	GELC
R-50 S1	1077.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	—	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-1131	CAMO-19-167708	GELC
R-50 S1	1077.0	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.1*[f]	mg/L	—	0.017	Y	U	U	N3B-2019-1131	CAMO-19-167708	GELC
R-50 S1	1077.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1131	CAMO-19-167708	GELC
R-50 S1	1077.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.23	—	—	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-1131	CAMO-19-167708	GELC
R-50 S1	1077.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	32.8	—	—	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1131	CAMO-19-167708	GELC
R-50 S1	1077.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1131	CAMO-19-167708	GELC
R-50 S1	1077.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	—	18.7*[f]	µg/L	—	15.0	Y	U	U	N3B-2019-1131	CAMO-19-167708	GELC

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Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-50 S1	1077.0	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.162	—	—	0.067*[f]	mg/L	—	0.067	Y	J	J	N3B-2019-1131	CAMO-19-167708	GELC
R-50 S1	1077.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	—	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-1131	CAMO-19-167708	GELC
R-50 S1	1077.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	22.9	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-1131	CAMO-19-167708	GELC
R-50 S1	1077.0	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	17.9	—	—	2.61*[f]	mg/L	—	0.134	Y	—	NQ	N3B-2019-1131	CAMO-19-167708	GELC
R-50 S1	1077.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	61.9	—	—	6.6*[f]	µg/L	—	3.0	Y	—	NQ	N3B-2019-1131	CAMO-19-167708	GELC
R-50 S1	1077.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1131	CAMO-19-167708	GELC
R-50 S1	1077.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	—	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-1131	CAMO-19-167708	GELC
R-50 S1	1077.0	03/14/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-1131	CAMO-19-167709	GELC
R-50 S1	1077.0	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.255	—	—	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-1131	CAMO-19-167708	GELC
R-50 S1	1077.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	83.8	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-1131	CAMO-19-167708	GELC
R-50 S1	1077.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	—	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-1131	CAMO-19-167708	GELC
R-50 S1	1077.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	—	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-1131	CAMO-19-167708	GELC
R-50 S1	1077.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.47	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-1131	CAMO-19-167708	GELC
R-50 S1	1077.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	—	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1131	CAMO-19-167708	GELC
R-50 S1	1077.0	03/14/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-1131	CAMO-19-167708	GELC
R-50 S1	1077.0	03/14/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-1131	CAMO-19-167709	GELC
R-50 S1	1077.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.536	—	—	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-1131	CAMO-19-167708	GELC
R-50 S1	1077.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	4.02	—	—	2.75*[f]	µg/L	—	0.6	Y	—	NQ	N3B-2019-1131	CAMO-19-167708	GELC
R-50 S1	1077.0	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.77	—	—	0.748*[f]	mg/L	—	0.085	Y	—	NQ	N3B-2019-1131	CAMO-19-167708	GELC
R-50 S1	1077.0	03/14/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.462	—	—	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-1131	CAMO-19-167708	GELC
R-50 S1	1077.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.38	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-1131	CAMO-19-167708	GELC
R-50 S1	1077.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	—	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1131	CAMO-19-167708	GELC
R-50 S1	1077.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.1	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-1131	CAMO-19-167708	GELC
R-50 S1	1077.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	—	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-1131	CAMO-19-167708	GELC
R-50 S1	1077.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.5	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-1131	CAMO-19-167708	GELC
R-50 S1	1077.0	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	251.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-1131	CAMO-19-167708	GELC
R-50 S1	1077.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	96.1	—	—	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1131	CAMO-19-167708	GELC
R-50 S1	1077.0	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	18.4	—	—	4.51*[f]	mg/L	—	0.266	Y	—	NQ	N3B-2019-1131	CAMO-19-167708	GELC
R-50 S1	1077.0	03/14/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1131	CAMO-19-167708	GELC
R-50 S1	1077.0	03/14/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1131	CAMO-19-167709	GELC
R-50 S1	1077.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	—	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-1131	CAMO-19-167708	GELC
R-50 S1	1077.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2019-1131	CAMO-19-167708	GELC
R-50 S1	1077.0	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	187.0	—	—	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-1131	CAMO-19-167708	GELC
R-50 S1	1077.0	03/14/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.165*[f]	mg/L	—	0.033	Y	U	U	N3B-2019-1131	CAMO-19-167709	GELC
R-50 S1	1077.0	03/14/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2019-1131	CAMO-19-167709	GELC
R-50 S1	1077.0	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0283	—	—	0.0822*[f]	mg/L	—	0.02	Y	J	U	N3B-2019-1131	CAMO-19-167708	GELC
R-50 S1	1077.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.684	—	—	1.06*[f]	µg/L	—	0.067	Y	—	J+	N3B-2019-1131	CAMO-19-167708	GELC
R-50 S1	1077.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.94	—	—	10.7*[f]	µg/L	—	1.0	Y	J	J	N3B-2019-1131	CAMO-19-167708	GELC
R-50 S1	1077.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	5.74	—	—	14.4*[f]	µg/L	—	3.3	Y	J	J	N3B-2019-1131	CAMO-19-167708	GELC
R-50 S1	1077.0	02/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.7	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-940	CAMO-19-166461	GELC
R-50 S1	1077.0	02/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-940	CAMO-19-166461	GELC
R-50 S1	1077.0	02/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.0	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-940	CAMO-19-166461	GELC
R-50 S1	1077.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	—	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-940	CAMO-19-166461	GELC
R-50 S1	1077.0	02/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.054	—	—	0.1*[f]	mg/L	—	0.017	Y	—	U	N3B-2019-940	CAMO-19-166461	GELC
R-50 S1	1077.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-940	CAMO-19-166461	GELC
R-50 S1	1077.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.39	—	—	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-940	CAMO-19-166461	GELC
R-50 S1	1077.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	32.2	—	—	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-940	CAMO-19-166461	GELC
R-50 S1	1077.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-940	CAMO-19-166461	GELC
R-50 S1	1077.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	—	18.7*[f]	µg/L	—	15.0	Y	U	U	N3B-2019-940	CAMO-19-166461	GELC
R-50 S1	1077.0	02/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.138	—	—	0.067*[f]	mg/L	—	0.067	Y	J	J	N3B-2019-940	CAMO-19-166461	GELC
R-50 S1	1077.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	—	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-940	CAMO-19-166461	GELC
R-50 S1	1077.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	21.9	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-940	CAMO-19-166461	GELC
R-50 S1	1077.0	02/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	16.3	—	—	2.61*[f]	mg/L	—	0.134	Y	—	NQ	N3B-2019-940	CAMO-19-166461	GELC
R-50 S1	1077.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	63.7	—	—	6.6*[f]	µg/L	—	3.0	Y	—	NQ	N3B-2019-940	CAMO-19-166461	GELC
R-50 S1	1077.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-940	CAMO-19-166461	GELC
R-50 S1	1077.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	—	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-940	CAMO-19-166461	GELC
R-50 S1	1077.0	02/20/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-940	CAMO-19-166462	GELC
R-50 S1	1077.0	02/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.234	—	—	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-940	CAMO-19-166461	GELC
R-50 S1	1077.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	80.7	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-940	CAMO-19-166461	GELC
R-50 S1	1077.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	—	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-940	CAMO-19-166461	GELC
R-50 S1	1077.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	—	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-940	CAMO-19-166461	GELC
R-50 S1	1077.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.35	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-940	CAMO-19-166461	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-50 S1	1077.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	—	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-940	CAMO-19-166461	GELC
R-50 S1	1077.0	02/20/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-940	CAMO-19-166461	GELC
R-50 S1	1077.0	02/20/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-940	CAMO-19-166462	GELC
R-50 S1	1077.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.583	—	—	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-940	CAMO-19-166461	GELC
R-50 S1	1077.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	4.57	—	—	2.75*[f]	µg/L	—	0.6	Y	—	NQ	N3B-2019-940	CAMO-19-166461	GELC
R-50 S1	1077.0	02/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.56	—	—	0.748*[f]	mg/L	—	0.085	Y	—	NQ	N3B-2019-940	CAMO-19-166461	GELC
R-50 S1	1077.0	02/20/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.451	—	—	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-940	CAMO-19-166461	GELC
R-50 S1	1077.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.6	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-940	CAMO-19-166461	GELC
R-50 S1	1077.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	—	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-940	CAMO-19-166461	GELC
R-50 S1	1077.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.1	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-940	CAMO-19-166461	GELC
R-50 S1	1077.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	—	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-940	CAMO-19-166461	GELC
R-50 S1	1077.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.9	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-940	CAMO-19-166461	GELC
R-50 S1	1077.0	02/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	236.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-940	CAMO-19-166461	GELC
R-50 S1	1077.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	94.1	—	—	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-940	CAMO-19-166461	GELC
R-50 S1	1077.0	02/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	18.3	—	—	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-940	CAMO-19-166461	GELC
R-50 S1	1077.0	02/20/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-940	CAMO-19-166461	GELC
R-50 S1	1077.0	02/20/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-940	CAMO-19-166462	GELC
R-50 S1	1077.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	—	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-940	CAMO-19-166461	GELC
R-50 S1	1077.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	4.97	—	—	13*[f]	µg/L	—	2.5	Y	J	J	N3B-2019-940	CAMO-19-166461	GELC
R-50 S1	1077.0	02/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	221.0	—	—	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-940	CAMO-19-166461	GELC
R-50 S1	1077.0	02/20/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.176	—	—	0.165*[f]	mg/L	—	0.033	Y	—	U	N3B-2019-940	CAMO-19-166462	GELC
R-50 S1	1077.0	02/20/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2019-940	CAMO-19-166462	GELC
R-50 S1	1077.0	02/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0278	—	—	0.0822*[f]	mg/L	—	0.02	Y	J	U	N3B-2019-940	CAMO-19-166461	GELC
R-50 S1	1077.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.691	—	—	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-940	CAMO-19-166461	GELC
R-50 S1	1077.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.75	—	—	10.7*[f]	µg/L	—	1.0	Y	J	J	N3B-2019-940	CAMO-19-166461	GELC
R-50 S1	1077.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	13.1	—	—	14.4*[f]	µg/L	—	3.3	Y	—	NQ	N3B-2019-940	CAMO-19-166461	GELC
R-50 S1	1077.0	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.88	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-761	CAMO-19-165984	GELC
R-50 S1	1077.0	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-761	CAMO-19-165984	GELC
R-50 S1	1077.0	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.2	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-761	CAMO-19-165984	GELC
R-50 S1	1077.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-761	CAMO-19-165984	GELC
R-50 S1	1077.0	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.1*[f]	mg/L	—	0.017	Y	U	U	N3B-2019-761	CAMO-19-165984	GELC
R-50 S1	1077.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-761	CAMO-19-165984	GELC
R-50 S1	1077.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.32	—	10	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-761	CAMO-19-165984	GELC
R-50 S1	1077.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	29.9	—	2000	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-761	CAMO-19-165984	GELC
R-50 S1	1077.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-761	CAMO-19-165984	GELC
R-50 S1	1077.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	750	18.7*[f]	µg/L	—	15.0	Y	U	U	N3B-2019-761	CAMO-19-165984	GELC
R-50 S1	1077.0	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.123	—	—	0.067*[f]	mg/L	—	0.067	Y	J	J	N3B-2019-761	CAMO-19-165984	GELC
R-50 S1	1077.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-761	CAMO-19-165984	GELC
R-50 S1	1077.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	21.3	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-761	CAMO-19-165984	GELC
R-50 S1	1077.0	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	15.9	—	250	2.61*[f]	mg/L	—	0.134	Y	—	NQ	N3B-2019-761	CAMO-19-165984	GELC
R-50 S1	1077.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	76.3	—	50	6.6*[f]	µg/L	—	3.0	Y	—	NQ	N3B-2019-761	CAMO-19-165984	GELC
R-50 S1	1077.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-761	CAMO-19-165984	GELC
R-50 S1	1077.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-761	CAMO-19-165984	GELC
R-50 S1	1077.0	01/15/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-761	CAMO-19-165985	GELC
R-50 S1	1077.0	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.228	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-761	CAMO-19-165984	GELC
R-50 S1	1077.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	78.7	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-761	CAMO-19-165984	GELC
R-50 S1	1077.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-761	CAMO-19-165984	GELC
R-50 S1	1077.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-761	CAMO-19-165984	GELC
R-50 S1	1077.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.22	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-761	CAMO-19-165984	GELC
R-50 S1	1077.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-761	CAMO-19-165984	GELC
R-50 S1	1077.0	01/15/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-761	CAMO-19-165984	GELC
R-50 S1	1077.0	01/15/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-761	CAMO-19-165985	GELC
R-50 S1	1077.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.558	—	1000	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-761	CAMO-19-165984	GELC
R-50 S1	1077.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	3.84	—	200	2.75*[f]	µg/L	—	0.6	Y	—	NQ	N3B-2019-761	CAMO-19-165984	GELC
R-50 S1	1077.0	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.29	—	10	0.748*[f]	mg/L	—	0.085	Y	—	NQ	N3B-2019-761	CAMO-19-165984	GELC
R-50 S1	1077.0	01/15/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.509	—	13.8	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-761	CAMO-19-165984	GELC
R-50 S1	1077.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.39	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-761	CAMO-19-165984	GELC
R-50 S1	1077.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-761	CAMO-19-165984	GELC
R-50 S1	1077.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.8	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-761	CAMO-19-165984	GELC
R-50 S1	1077.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-761	CAMO-19-165984	GELC
R-50 S1	1077.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.5	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-761	CAMO-19-165984	GELC
R-50 S1	1077.0	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	246.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-761	CAMO-19-165984	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-50 S1	1077.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	88.5	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-761	CAMO-19-165984	GELC
R-50 S1	1077.0	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	17.6	—	600	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-761	CAMO-19-165984	GELC
R-50 S1	1077.0	01/15/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-761	CAMO-19-165984	GELC
R-50 S1	1077.0	01/15/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-761	CAMO-19-165985	GELC
R-50 S1	1077.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-761	CAMO-19-165984	GELC
R-50 S1	1077.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	10.7	—	12000	13*[f]	µg/L	—	2.5	Y	—	U	N3B-2019-761	CAMO-19-165984	GELC
R-50 S1	1077.0	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	229.0	—	1000	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-761	CAMO-19-165984	GELC
R-50 S1	1077.0	01/15/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.16	—	—	0.165*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-761	CAMO-19-165985	GELC
R-50 S1	1077.0	01/15/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2019-761	CAMO-19-165985	GELC
R-50 S1	1077.0	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0393	—	—	0.0822*[f]	mg/L	—	0.02	Y	J	U	N3B-2019-761	CAMO-19-165984	GELC
R-50 S1	1077.0	01/15/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	38.15	5.891	20000	2.06*[f]	pCi/L	2.948	—	Y	—	NQ	N3B-2019-773	CAMO-19-165985	ARSL
R-50 S1	1077.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.652	—	30	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-761	CAMO-19-165984	GELC
R-50 S1	1077.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.08	—	63.1	10.7*[f]	µg/L	—	1.0	Y	J	J	N3B-2019-761	CAMO-19-165984	GELC
R-50 S1	1077.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	18.6	—	10000	14.4*[f]	µg/L	—	3.3	Y	—	U	N3B-2019-761	CAMO-19-165984	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.307	—	535	—	µg/L	—	0.307	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.307	—	—	—	µg/L	—	0.307	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	3.83	—	14100	—	µg/L	—	1.5	Y	J	J	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.07	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.4	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0343	0.00879	—	0.0167*[f]	pCi/L	0.0407	—	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0203	—	—	0.1*[f]	mg/L	—	0.017	Y	J	U	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.29	—	130	—	µg/L	—	4.29	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.307	—	1720	—	µg/L	—	0.307	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.34	—	10	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	3.07	—	3	—	µg/L	—	3.07	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Azobenzene	103-33-3	N	3.07	—	1.2	—	µg/L	—	3.07	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	24.8	—	2000	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	3.99	—	0.00109	—	µg/L	—	3.99	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.307	—	0.12	—	µg/L	—	0.307	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.307	—	0.2	—	µg/L	—	0.307	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.307	—	0.343	—	µg/L	—	0.307	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.307	—	—	—	µg/L	—	0.307	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.307	—	3.43	—	µg/L	—	0.307	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.13	—	75000	—	µg/L	—	6.13	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	3.07	—	2000	—	µg/L	—	3.07	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	3.07	—	59	—	µg/L	—	3.07	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	3.07	—	0.137	—	µg/L	—	3.07	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.307	—	6	—	µg/L	—	0.307	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	750	18.7*[f]	µg/L	—	15.0	Y	U	U	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	1.34	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	3.07	—	—	—	µg/L	—	3.07	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.307	—	160	—	µg/L	—	0.307	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.5	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2020-388	CAMO-20-189177	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.184	1.05	—	2.93*[f]	pCi/L	4.0	—	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.36	—	250	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	3.07	—	1400	—	µg/L	—	3.07	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.37	—	3.7	—	µg/L	—	3.37	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	1.68	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.419	—	733	—	µg/L	—	0.419	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	3.07	—	91	—	µg/L	—	3.07	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.07	—	—	—	µg/L	—	3.07	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	4.29	—	50	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.307	—	34.3	—	µg/L	—	0.307	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.79	0.801	—	2.65*[f]	pCi/L	2.24	—	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	Y	4.8	—	1000	3*[f]	µg/L	—	3.0	Y	J	J	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.307	—	0.0343	—	µg/L	—	0.307	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	3.07	—	7.9	—	µg/L	—	3.07	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	3.07	—	600	—	µg/L	—	3.07	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.07	—	—	—	µg/L	—	3.07	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	3.07	—	75	—	µg/L	—	3.07	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	3.07	—	1.25	—	µg/L	—	3.07	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	3.07	—	45.3	—	µg/L	—	3.07	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.307	—	14800	—	µg/L	—	0.307	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.307	—	612	—	µg/L	—	0.307	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	3.07	—	354	—	µg/L	—	3.07	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.307	—	885	—	µg/L	—	0.307	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.07	—	1.52	—	µg/L	—	3.07	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	5.11	—	38.7	—	µg/L	—	5.11	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	3.07	—	2.37	—	µg/L	—	3.07	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	3.07	—	0.485	—	µg/L	—	3.07	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.307	—	200	—	µg/L	—	0.307	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	3.07	—	7	—	µg/L	—	3.07	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.07	—	4.59	—	µg/L	—	3.07	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	—	4.59	—	µg/L	—	0.1	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	3.07	—	122	—	µg/L	—	3.07	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.307	—	802	—	µg/L	—	0.307	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.307	—	288	—	µg/L	—	0.307	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.561	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.0389	0.721	15	2.012*[f]	pCi/L	2.99	—	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.835	0.587	—	3.81*[f]	pCi/L	1.94	—	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	45.2	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	3.07	—	1	—	µg/L	—	3.07	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	3.07	—	1.39	—	µg/L	—	3.07	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	3.07	—	50	—	µg/L	—	3.07	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	3.07	—	3.28	—	µg/L	—	3.07	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.307	—	0.343	—	µg/L	—	0.307	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.58	—	781	—	µg/L	—	3.58	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.98	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.307	—	11.4	—	µg/L	—	0.307	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.307	—	35.1	—	µg/L	—	0.307	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	3.07	—	930	—	µg/L	—	3.07	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.78	—	1900	—	µg/L	—	3.78	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	0.991	—	1000	2.37*[f]	µg/L	—	0.2	Y	J	J	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.307	—	1.65	—	µg/L	—	0.307	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.592	1.85	—	4.72*[f]	pCi/L	7.12	—	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	4.16	—	200	2.75*[f]	µg/L	—	0.6	Y	—	NQ	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.524	—	10	0.748*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	3.07	—	190	—	µg/L	—	3.07	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	3.07	—	—	—	µg/L	—	3.07	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	3.07	—	38	—	µg/L	—	3.07	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	3.07	—	1.4	—	µg/L	—	3.07	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	3.07	—	—	—	µg/L	—	3.07	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	3.07	—	—	—	µg/L	—	3.07	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	—	0.00167	—	µg/L	—	0.00018	Y	U	U	N3B-2020-384	CAMO-20-189178	SwRI
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.07	—	0.00167	—	µg/L	—	3.07	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00036	—	0.00491	—	µg/L	—	0.00036	Y	U	U	N3B-2020-384	CAMO-20-189178	SwRI
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.07	—	0.00491	—	µg/L	—	3.07	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.00047	—	0.0273	—	µg/L	—	0.00047	Y	U	UJ	N3B-2020-384	CAMO-20-189178	SwRI
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.07	—	0.0273	—	µg/L	—	3.07	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	—	0.11	—	µg/L	—	0.00018	Y	U	U	N3B-2020-384	CAMO-20-189178	SwRI
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.07	—	0.11	—	µg/L	—	3.07	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	—	0.37	—	µg/L	—	0.00033	Y	U	U	N3B-2020-384	CAMO-20-189178	SwRI
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	3.07	—	0.37	—	µg/L	—	3.07	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.07	—	9.81	—	µg/L	—	3.07	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	3.07	—	3.07	—	µg/L	—	3.07	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	3.07	—	1	—	µg/L	—	3.07	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.348	—	13.8	0.412*[f]	µg/L	—	0.05	Y	—	J	N3B-2020-388	CAMO-20-189177	GELC

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Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.606	—	70	—	ng/L	—	0.606	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.735	—	70	—	ng/L	—	0.735	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.735	—	70	—	ng/L	—	0.735	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.307	—	170	—	µg/L	—	0.307	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	3.07	—	5	—	µg/L	—	3.07	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00917	0.00683	—	0.00994*[f]	pCi/L	0.0595	—	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0153	0.0101	—	0.0171*[f]	pCi/L	0.0476	—	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.64	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-3.88	16.7	—	35.6*[f]	pCi/L	63.9	—	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.07	—	250	2.06*[f]	µg/L	—	3.07	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.307	—	117	—	µg/L	—	0.307	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	3.07	—	20	—	µg/L	—	3.07	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.428	0.182	5	—	pCi/L	0.527	—	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.596	0.234	5	—	pCi/L	—	—	Y	—	NQ	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.168	0.148	5	—	pCi/L	0.51	—	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	76.0	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.7	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.973	1.12	—	1.93*[f]	pCi/L	5.24	—	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	118.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	50.9	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0421	0.14	8	0.355*[f]	pCi/L	0.487	—	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.73	—	600	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.07	—	20	2.06*[f]	µg/L	—	3.07	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.07	—	1.66	—	µg/L	—	3.07	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.07	—	240	—	µg/L	—	3.07	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	12000	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	173.0	—	1000	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.165*[f]	mg/L	—	0.033	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Total PFAS	PFAS-Tot-3a	N	0.0	—	70	—	ng/L	—	1.84	—	U	—	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	—	0.0822*[f]	mg/L	—	0.02	Y	U	U	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	3.07	—	70	—	µg/L	—	3.07	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	3.07	—	1170	—	µg/L	—	3.07	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	3.07	—	11.9	—	µg/L	—	3.07	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.752	0.89	20000	2.06*[f]	pCi/L	2.949	—	Y	U	U	N3B-2020-398	CAMO-20-189178	ARSL
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.529	—	30	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.368	0.0443	27.2	0.653*[f]	pCi/L	0.0967	—	Y	—	NQ	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00305	0.00976	28.8	0.0423*[f]	pCi/L	0.0698	—	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.204	0.0324	30	0.322*[f]	pCi/L	0.113	—	Y	—	NQ	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.21	—	63.1	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2020-388	CAMO-20-189177	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	4.9	—	10000	14.4*f	µg/L	—	3.3	Y	J	J	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.0	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.0	—	—	69.92*f	mg/L	—	1.45	Y	—	NQ	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Aluminum	Al	N	19.3	—	—	68*f	µg/L	—	19.3	Y	U	U	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0697	—	—	0.1*f	mg/L	—	0.017	Y	—	J-	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1.0	—	—	1*f	µg/L	—	1.0	Y	U	U	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.59	—	—	2.7*f	µg/L	—	2.0	Y	J	J	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	23.0	—	—	37.4*f	µg/L	—	1.0	Y	—	NQ	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Beryllium	Be	N	0.2	—	—	1*f	µg/L	—	0.2	Y	U	U	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	—	18.7*f	µg/L	—	15.0	Y	U	U	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*f	mg/L	—	0.067	Y	U	UJ	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	—	—	0.11*f	µg/L	—	0.3	Y	U	U	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.8	—	—	14.5*f	mg/L	—	0.05	Y	—	NQ	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.28	—	—	2.61*f	mg/L	—	0.067	Y	—	J+	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	4.01	—	—	6.6*f	µg/L	—	3.0	Y	J	J	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cobalt	Co	N	0.3	—	—	1*f	µg/L	—	0.3	Y	U	U	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Copper	Cu	N	0.3	—	—	3*f	µg/L	—	0.3	Y	U	U	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	09/19/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.0017*f	mg/L	—	0.00167	Y	U	U	N3B-2019-3420	CAMO-19-186539	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.551	—	—	0.382*f	mg/L	—	0.033	Y	—	NQ	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	42.7	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	—	53.8*f	µg/L	—	30.0	Y	U	U	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	—	—	0.5*f	µg/L	—	0.5	Y	U	U	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.81	—	—	4.11*f	mg/L	—	0.11	Y	—	NQ	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	—	12.1*f	µg/L	—	2.0	Y	U	U	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	09/19/2019	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	Y	0.216	—	—	0.067*f	µg/L	—	0.067	Y	—	NQ	N3B-2019-3420	CAMO-19-186539	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	Y	0.233	—	—	0.067*f	µg/L	—	0.067	Y	—	NQ	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.03	—	—	2.37*f	µg/L	—	0.2	Y	—	NQ	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	1.31	—	—	2.75*f	µg/L	—	0.6	Y	J	J	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.525	—	—	0.748*f	mg/L	—	0.017	Y	—	NQ	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.345	—	—	0.412*f	µg/L	—	0.05	Y	—	NQ	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.42	—	—	2.357*f	mg/L	—	0.05	Y	—	NQ	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	2.0	—	—	1.5*f	µg/L	—	2.0	Y	U	U	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.5	—	—	80.7*f	mg/L	—	0.053	Y	—	NQ	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	—	—	0.2*f	µg/L	—	0.3	Y	U	U	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.0	—	—	15.3*f	mg/L	—	0.1	Y	—	NQ	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	117.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	47.6	—	—	74.4*f	µg/L	—	1.0	Y	—	NQ	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.58	—	—	4.51*f	mg/L	—	0.133	Y	—	J+	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	09/19/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-3420	CAMO-19-186539	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	—	—	0.45*f	µg/L	—	0.6	Y	U	U	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	13*f	µg/L	—	2.5	Y	U	U	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	119.0	—	—	159*f	mg/L	—	3.4	Y	—	NQ	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	09/19/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.165*f	mg/L	—	0.033	Y	U	UJ	N3B-2019-3420	CAMO-19-186539	GELC
R-50 S2	1185.0	09/19/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	0.982*f	mg/L	—	0.33	Y	U	U	N3B-2019-3420	CAMO-19-186539	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0901	—	—	0.0822*f	mg/L	—	0.02	Y	—	U	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.594	—	—	1.06*f	µg/L	—	0.067	Y	—	NQ	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Vanadium	V	Y	13.4	—	—	10.7*f	µg/L	—	3.3	Y	J	J	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Zinc	Zn	Y	6.32	—	—	14.4*f	µg/L	—	3.3	Y	J	J	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	08/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.14	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-3056	CAMO-19-184740	GELC
R-50 S2	1185.0	08/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-3056	CAMO-19-184740	GELC
R-50 S2	1185.0	08/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.2	—	—	69.92*f	mg/L	—	1.45	Y	—	NQ	N3B-2019-3056	CAMO-19-184740	GELC
R-50 S2	1185.0	08/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	—	68*f	µg/L	—	68.0	Y	U	U	N3B-2019-3056	CAMO-19-184740	GELC
R-50 S2	1185.0	08/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0362	—	—	0.1*f	mg/L	—	0.017	Y	J	U	N3B-2019-3056	CAMO-19-184740	GELC
R-50 S2	1185.0	08/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	—	1*f	µg/L	—	1.0	Y	U	U	N3B-2019-3056	CAMO-19-184740	GELC
R-50 S2	1185.0	08/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.9	—	—	2.7*f	µg/L	—	2.0	Y	J	J	N3B-2019-3056	CAMO-19-184740	GELC
R-50 S2	1185.0	08/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	26.9	—	—	37.4*f	µg/L	—	1.0	Y	—	NQ	N3B-2019-3056	CAMO-19-184740	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-50 S2	1185.0	08/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-3056	CAMO-19-184740	GELC
R-50 S2	1185.0	08/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	21.1	—	—	18.7*[f]	µg/L	—	15.0	Y	J	J	N3B-2019-3056	CAMO-19-184740	GELC
R-50 S2	1185.0	08/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-3056	CAMO-19-184740	GELC
R-50 S2	1185.0	08/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	—	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-3056	CAMO-19-184740	GELC
R-50 S2	1185.0	08/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.1	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-3056	CAMO-19-184740	GELC
R-50 S2	1185.0	08/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.19	—	—	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-3056	CAMO-19-184740	GELC
R-50 S2	1185.0	08/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.23	—	—	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-3056	CAMO-19-184740	GELC
R-50 S2	1185.0	08/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-3056	CAMO-19-184740	GELC
R-50 S2	1185.0	08/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	—	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-3056	CAMO-19-184740	GELC
R-50 S2	1185.0	08/20/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-3056	CAMO-19-184741	GELC
R-50 S2	1185.0	08/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.655	—	—	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-3056	CAMO-19-184740	GELC
R-50 S2	1185.0	08/20/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	44.8	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-3056	CAMO-19-184740	GELC
R-50 S2	1185.0	08/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	—	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-3056	CAMO-19-184740	GELC
R-50 S2	1185.0	08/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	—	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-3056	CAMO-19-184740	GELC
R-50 S2	1185.0	08/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.13	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-3056	CAMO-19-184740	GELC
R-50 S2	1185.0	08/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	—	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-3056	CAMO-19-184740	GELC
R-50 S2	1185.0	08/20/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-3056	CAMO-19-184740	GELC
R-50 S2	1185.0	08/20/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-3056	CAMO-19-184741	GELC
R-50 S2	1185.0	08/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.01	—	—	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-3056	CAMO-19-184740	GELC
R-50 S2	1185.0	08/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.22	—	—	2.75*[f]	µg/L	—	0.6	Y	J	J	N3B-2019-3056	CAMO-19-184740	GELC
R-50 S2	1185.0	08/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.5	—	—	0.748*[f]	mg/L	—	0.085	Y	—	NQ	N3B-2019-3056	CAMO-19-184740	GELC
R-50 S2	1185.0	08/20/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.354	—	—	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-3056	CAMO-19-184740	GELC
R-50 S2	1185.0	08/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.5	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-3056	CAMO-19-184740	GELC
R-50 S2	1185.0	08/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	—	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-3056	CAMO-19-184740	GELC
R-50 S2	1185.0	08/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	76.8	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-3056	CAMO-19-184740	GELC
R-50 S2	1185.0	08/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	—	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-3056	CAMO-19-184740	GELC
R-50 S2	1185.0	08/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.9	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-3056	CAMO-19-184740	GELC
R-50 S2	1185.0	08/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	117.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-3056	CAMO-19-184740	GELC
R-50 S2	1185.0	08/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	51.2	—	—	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-3056	CAMO-19-184740	GELC
R-50 S2	1185.0	08/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.55	—	—	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-3056	CAMO-19-184740	GELC
R-50 S2	1185.0	08/20/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-3056	CAMO-19-184740	GELC
R-50 S2	1185.0	08/20/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-3056	CAMO-19-184741	GELC
R-50 S2	1185.0	08/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	—	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-3056	CAMO-19-184740	GELC
R-50 S2	1185.0	08/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2019-3056	CAMO-19-184740	GELC
R-50 S2	1185.0	08/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	149.0	—	—	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-3056	CAMO-19-184740	GELC
R-50 S2	1185.0	08/20/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.165*[f]	mg/L	—	0.033	Y	U	U	N3B-2019-3056	CAMO-19-184741	GELC
R-50 S2	1185.0	08/20/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2019-3056	CAMO-19-184741	GELC
R-50 S2	1185.0	08/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0961	—	—	0.0822*[f]	mg/L	—	0.02	Y	—	NQ	N3B-2019-3056	CAMO-19-184740	GELC
R-50 S2	1185.0	08/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.537	—	—	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-3056	CAMO-19-184740	GELC
R-50 S2	1185.0	08/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.65	—	—	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-3056	CAMO-19-184740	GELC
R-50 S2	1185.0	08/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	6.82	—	—	14.4*[f]	µg/L	—	3.3	Y	J	U	N3B-2019-3056	CAMO-19-184740	GELC
R-50 S2	1185.0	07/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.11	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-2508	CAMO-19-181863	GELC
R-50 S2	1185.0	07/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-2508	CAMO-19-181863	GELC
R-50 S2	1185.0	07/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.0	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-2508	CAMO-19-181863	GELC
R-50 S2	1185.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-2508	CAMO-19-181863	GELC
R-50 S2	1185.0	07/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0465	—	—	0.1*[f]	mg/L	—	0.017	Y	J	J	N3B-2019-2508	CAMO-19-181863	GELC
R-50 S2	1185.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2508	CAMO-19-181863	GELC
R-50 S2	1185.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.25	—	10	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-2508	CAMO-19-181863	GELC
R-50 S2	1185.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	24.4	—	2000	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2508	CAMO-19-181863	GELC
R-50 S2	1185.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2508	CAMO-19-181863	GELC
R-50 S2	1185.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	750	18.7*[f]	µg/L	—	15.0	Y	U	U	N3B-2019-2508	CAMO-19-181863	GELC
R-50 S2	1185.0	07/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-2508	CAMO-19-181863	GELC
R-50 S2	1185.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-2508	CAMO-19-181863	GELC
R-50 S2	1185.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.5	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-2508	CAMO-19-181863	GELC
R-50 S2	1185.0	07/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.2	—	250	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-2508	CAMO-19-181863	GELC
R-50 S2	1185.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.24	—	50	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-2508	CAMO-19-181863	GELC
R-50 S2	1185.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2508	CAMO-19-181863	GELC
R-50 S2	1185.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-2508	CAMO-19-181863	GELC
R-50 S2	1185.0	07/12/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-2508	CAMO-19-181864	GELC
R-50 S2	1185.0	07/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.665	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-2508	CAMO-19-181863	GELC
R-50 S2	1185.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	44.0	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-2508	CAMO-19-181863	GELC
R-50 S2	1185.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-2508	CAMO-19-181863	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-50 S2	1185.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-2508	CAMO-19-181863	GELC
R-50 S2	1185.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.73	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-2508	CAMO-19-181863	GELC
R-50 S2	1185.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2508	CAMO-19-181863	GELC
R-50 S2	1185.0	07/12/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-2508	CAMO-19-181863	GELC
R-50 S2	1185.0	07/12/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-2508	CAMO-19-181864	GELC
R-50 S2	1185.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.01	—	1000	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-2508	CAMO-19-181863	GELC
R-50 S2	1185.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.44	—	200	2.75*[f]	µg/L	—	0.6	Y	J	J	N3B-2019-2508	CAMO-19-181863	GELC
R-50 S2	1185.0	07/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.525	—	10	0.748*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2019-2508	CAMO-19-181863	GELC
R-50 S2	1185.0	07/12/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.338	—	13.8	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-2508	CAMO-19-181863	GELC
R-50 S2	1185.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.4	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-2508	CAMO-19-181863	GELC
R-50 S2	1185.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2508	CAMO-19-181863	GELC
R-50 S2	1185.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	76.1	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-2508	CAMO-19-181863	GELC
R-50 S2	1185.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-2508	CAMO-19-181863	GELC
R-50 S2	1185.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.3	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-2508	CAMO-19-181863	GELC
R-50 S2	1185.0	07/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	138.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-2508	CAMO-19-181863	GELC
R-50 S2	1185.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	49.4	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2508	CAMO-19-181863	GELC
R-50 S2	1185.0	07/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.55	—	600	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-2508	CAMO-19-181863	GELC
R-50 S2	1185.0	07/12/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2508	CAMO-19-181863	GELC
R-50 S2	1185.0	07/12/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2508	CAMO-19-181864	GELC
R-50 S2	1185.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-2508	CAMO-19-181863	GELC
R-50 S2	1185.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	12000	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2019-2508	CAMO-19-181863	GELC
R-50 S2	1185.0	07/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	126.0	—	1000	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-2508	CAMO-19-181863	GELC
R-50 S2	1185.0	07/12/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.106	—	—	0.165*[f]	mg/L	—	0.033	Y	—	U	N3B-2019-2508	CAMO-19-181864	GELC
R-50 S2	1185.0	07/12/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2019-2508	CAMO-19-181864	GELC
R-50 S2	1185.0	07/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.071	—	—	0.0822*[f]	mg/L	—	0.02	Y	—	NQ	N3B-2019-2508	CAMO-19-181863	GELC
R-50 S2	1185.0	07/12/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.246	0.904	20000	2.06*[f]	pCi/L	3.041	—	Y	U	U	N3B-2019-2583	CAMO-19-181864	ARSL
R-50 S2	1185.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.469	—	30	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-2508	CAMO-19-181863	GELC
R-50 S2	1185.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.15	—	63.1	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2508	CAMO-19-181863	GELC
R-50 S2	1185.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	8.55	—	10000	14.4*[f]	µg/L	—	3.3	Y	J	J	N3B-2019-2508	CAMO-19-181863	GELC
R-50 S2	1185.0	06/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.15	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-2165	CAMO-19-181694	GELC
R-50 S2	1185.0	06/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-2165	CAMO-19-181694	GELC
R-50 S2	1185.0	06/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.8	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-2165	CAMO-19-181694	GELC
R-50 S2	1185.0	06/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	—	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-2165	CAMO-19-181694	GELC
R-50 S2	1185.0	06/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.1*[f]	mg/L	—	0.017	Y	U	U	N3B-2019-2165	CAMO-19-181694	GELC
R-50 S2	1185.0	06/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2165	CAMO-19-181694	GELC
R-50 S2	1185.0	06/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.36	—	—	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-2165	CAMO-19-181694	GELC
R-50 S2	1185.0	06/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	24.7	—	—	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2165	CAMO-19-181694	GELC
R-50 S2	1185.0	06/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2165	CAMO-19-181694	GELC
R-50 S2	1185.0	06/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	15.8	—	—	18.7*[f]	µg/L	—	15.0	Y	J	J	N3B-2019-2165	CAMO-19-181694	GELC
R-50 S2	1185.0	06/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-2165	CAMO-19-181694	GELC
R-50 S2	1185.0	06/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	—	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-2165	CAMO-19-181694	GELC
R-50 S2	1185.0	06/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.1	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-2165	CAMO-19-181694	GELC
R-50 S2	1185.0	06/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.12	—	—	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-2165	CAMO-19-181694	GELC
R-50 S2	1185.0	06/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.43	—	—	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-2165	CAMO-19-181694	GELC
R-50 S2	1185.0	06/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2165	CAMO-19-181694	GELC
R-50 S2	1185.0	06/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	—	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-2165	CAMO-19-181694	GELC
R-50 S2	1185.0	06/11/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-2165	CAMO-19-181695	GELC
R-50 S2	1185.0	06/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.605	—	—	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-2165	CAMO-19-181694	GELC
R-50 S2	1185.0	06/11/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	44.8	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-2165	CAMO-19-181694	GELC
R-50 S2	1185.0	06/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	—	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-2165	CAMO-19-181694	GELC
R-50 S2	1185.0	06/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	—	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-2165	CAMO-19-181694	GELC
R-50 S2	1185.0	06/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.18	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-2165	CAMO-19-181694	GELC
R-50 S2	1185.0	06/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	—	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2165	CAMO-19-181694	GELC
R-50 S2	1185.0	06/11/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-2165	CAMO-19-181694	GELC
R-50 S2	1185.0	06/11/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-2165	CAMO-19-181695	GELC
R-50 S2	1185.0	06/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.04	—	—	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-2165	CAMO-19-181694	GELC
R-50 S2	1185.0	06/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.58	—	—	2.75*[f]	µg/L	—	0.6	Y	J	J	N3B-2019-2165	CAMO-19-181694	GELC
R-50 S2	1185.0	06/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.532	—	—	0.748*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2019-2165	CAMO-19-181694	GELC
R-50 S2	1185.0	06/11/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.334	—	—	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-2165	CAMO-19-181694	GELC
R-50 S2	1185.0	06/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.35	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-2165	CAMO-19-181694	GELC
R-50 S2	1185.0	06/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	—	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2165	CAMO-19-181694	GELC
R-50 S2	1185.0	06/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	80.4	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-2165	CAMO-19-181694	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-50 S2	1185.0	06/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	—	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-2165	CAMO-19-181694	GELC
R-50 S2	1185.0	06/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.5	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-2165	CAMO-19-181694	GELC
R-50 S2	1185.0	06/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	134.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-2165	CAMO-19-181694	GELC
R-50 S2	1185.0	06/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	49.5	—	—	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2165	CAMO-19-181694	GELC
R-50 S2	1185.0	06/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.49	—	—	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-2165	CAMO-19-181694	GELC
R-50 S2	1185.0	06/11/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2165	CAMO-19-181694	GELC
R-50 S2	1185.0	06/11/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2165	CAMO-19-181695	GELC
R-50 S2	1185.0	06/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	—	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-2165	CAMO-19-181694	GELC
R-50 S2	1185.0	06/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	17.3	—	—	13*[f]	µg/L	—	2.5	Y	—	J+	N3B-2019-2165	CAMO-19-181694	GELC
R-50 S2	1185.0	06/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	184.0	—	—	159*[f]	mg/L	—	3.4	Y	—	J+	N3B-2019-2165	CAMO-19-181694	GELC
R-50 S2	1185.0	06/11/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.057	—	—	0.165*[f]	mg/L	—	0.033	Y	J	U	N3B-2019-2165	CAMO-19-181695	GELC
R-50 S2	1185.0	06/11/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2019-2165	CAMO-19-181695	GELC
R-50 S2	1185.0	06/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0277	—	—	0.0822*[f]	mg/L	—	0.02	Y	J	U	N3B-2019-2165	CAMO-19-181694	GELC
R-50 S2	1185.0	06/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.503	—	—	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-2165	CAMO-19-181694	GELC
R-50 S2	1185.0	06/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.04	—	—	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2165	CAMO-19-181694	GELC
R-50 S2	1185.0	06/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	7.27	—	—	14.4*[f]	µg/L	—	3.3	Y	J	J	N3B-2019-2165	CAMO-19-181694	GELC
R-50 S2	1185.0	05/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.1	—	—	—	SU	—	0.01	Y	H	J-	N3B-2019-2011	CAMO-19-175168	GELC
R-50 S2	1185.0	05/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	UH	U	N3B-2019-2011	CAMO-19-175168	GELC
R-50 S2	1185.0	05/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.6	—	—	69.92*[f]	mg/L	—	1.45	Y	H	NQ	N3B-2019-2011	CAMO-19-175168	GELC
R-50 S2	1185.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-2011	CAMO-19-175168	GELC
R-50 S2	1185.0	05/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0459	—	—	0.1*[f]	mg/L	—	0.017	Y	J	J	N3B-2019-2011	CAMO-19-175168	GELC
R-50 S2	1185.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2011	CAMO-19-175168	GELC
R-50 S2	1185.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.67	—	10	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-2011	CAMO-19-175168	GELC
R-50 S2	1185.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	21.3	—	2000	37.4*[f]	µg/L	—	1.0	Y	*	NQ	N3B-2019-2011	CAMO-19-175168	GELC
R-50 S2	1185.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2011	CAMO-19-175168	GELC
R-50 S2	1185.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	15.4	—	750	18.7*[f]	µg/L	—	15.0	Y	J	J	N3B-2019-2011	CAMO-19-175168	GELC
R-50 S2	1185.0	05/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-2011	CAMO-19-175168	GELC
R-50 S2	1185.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-2011	CAMO-19-175168	GELC
R-50 S2	1185.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.2	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-2011	CAMO-19-175168	GELC
R-50 S2	1185.0	05/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.08	—	250	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-2011	CAMO-19-175168	GELC
R-50 S2	1185.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.96	—	50	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-2011	CAMO-19-175168	GELC
R-50 S2	1185.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2011	CAMO-19-175168	GELC
R-50 S2	1185.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-2011	CAMO-19-175168	GELC
R-50 S2	1185.0	05/14/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-1916	CAMO-19-175169	GELC
R-50 S2	1185.0	05/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.445	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-2011	CAMO-19-175168	GELC
R-50 S2	1185.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	41.9	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-2011	CAMO-19-175168	GELC
R-50 S2	1185.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-2011	CAMO-19-175168	GELC
R-50 S2	1185.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-2011	CAMO-19-175168	GELC
R-50 S2	1185.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.98	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-2011	CAMO-19-175168	GELC
R-50 S2	1185.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2011	CAMO-19-175168	GELC
R-50 S2	1185.0	05/14/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-2011	CAMO-19-175168	GELC
R-50 S2	1185.0	05/14/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-2011	CAMO-19-175169	GELC
R-50 S2	1185.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.876	—	1000	2.37*[f]	µg/L	—	0.2	Y	J	J	N3B-2019-2011	CAMO-19-175168	GELC
R-50 S2	1185.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.33	—	200	2.75*[f]	µg/L	—	0.6	Y	J	J	N3B-2019-2011	CAMO-19-175168	GELC
R-50 S2	1185.0	05/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.548	—	10	0.748*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2019-2011	CAMO-19-175168	GELC
R-50 S2	1185.0	05/14/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.342	—	13.8	0.412*[f]	µg/L	—	0.05	Y	H	NQ	N3B-2019-2011	CAMO-19-175168	GELC
R-50 S2	1185.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.22	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-2011	CAMO-19-175168	GELC
R-50 S2	1185.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2011	CAMO-19-175168	GELC
R-50 S2	1185.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.7	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-2011	CAMO-19-175168	GELC
R-50 S2	1185.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-2011	CAMO-19-175168	GELC
R-50 S2	1185.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.87	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-2011	CAMO-19-175168	GELC
R-50 S2	1185.0	05/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	149.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-2011	CAMO-19-175168	GELC
R-50 S2	1185.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	46.0	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2011	CAMO-19-175168	GELC
R-50 S2	1185.0	05/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.45	—	600	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-2011	CAMO-19-175168	GELC
R-50 S2	1185.0	05/14/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1916	CAMO-19-175169	GELC
R-50 S2	1185.0	05/14/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2011	CAMO-19-175168	GELC
R-50 S2	1185.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-2011	CAMO-19-175168	GELC
R-50 S2	1185.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	10.4	—	12000	13*[f]	µg/L	—	2.5	Y	—	U	N3B-2019-2011	CAMO-19-175168	GELC
R-50 S2	1185.0	05/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	216.0	—	1000	159*[f]	mg/L	—	3.4	Y	H	NQ	N3B-2019-2011	CAMO-19-175168	GELC
R-50 S2	1185.0	05/14/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.165*[f]	mg/L	—	0.033	Y	U	U	N3B-2019-2011	CAMO-19-175169	GELC
R-50 S2	1185.0	05/14/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	UH	U	N3B-2019-2011	CAMO-19-175169	GELC
R-50 S2	1185.0	05/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0298	—	—	0.0822*[f]	mg/L	—	0.02	Y	J	J	N3B-2019-2011	CAMO-19-175168	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-50 S2	1185.0	05/14/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.011	0.872	20000	2.06*[f]	pCi/L	2.953	—	Y	U	U	N3B-2019-1983	CAMO-19-175169	ARSL
R-50 S2	1185.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.463	—	30	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-2011	CAMO-19-175168	GELC
R-50 S2	1185.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.46	—	63.1	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2011	CAMO-19-175168	GELC
R-50 S2	1185.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	10000	14.4*[f]	µg/L	—	3.3	Y	U	U	N3B-2019-2011	CAMO-19-175168	GELC
R-50 S2	1185.0	04/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.33	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-1441	CAMO-19-174831	GELC
R-50 S2	1185.0	04/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-1441	CAMO-19-174831	GELC
R-50 S2	1185.0	04/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.4	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-1441	CAMO-19-174831	GELC
R-50 S2	1185.0	04/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	—	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-1441	CAMO-19-174831	GELC
R-50 S2	1185.0	04/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.113	—	—	0.1*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2019-1441	CAMO-19-174831	GELC
R-50 S2	1185.0	04/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1441	CAMO-19-174831	GELC
R-50 S2	1185.0	04/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.61	—	—	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-1441	CAMO-19-174831	GELC
R-50 S2	1185.0	04/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	20.5	—	—	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1441	CAMO-19-174831	GELC
R-50 S2	1185.0	04/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1441	CAMO-19-174831	GELC
R-50 S2	1185.0	04/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	15.2	—	—	18.7*[f]	µg/L	—	15.0	Y	J	J	N3B-2019-1441	CAMO-19-174831	GELC
R-50 S2	1185.0	04/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-1441	CAMO-19-174831	GELC
R-50 S2	1185.0	04/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	—	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-1441	CAMO-19-174831	GELC
R-50 S2	1185.0	04/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	9.72	—	—	14.5*[f]	mg/L	—	0.05	Y	N	NQ	N3B-2019-1441	CAMO-19-174831	GELC
R-50 S2	1185.0	04/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.14	—	—	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-1441	CAMO-19-174831	GELC
R-50 S2	1185.0	04/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.04	—	—	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-1441	CAMO-19-174831	GELC
R-50 S2	1185.0	04/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1441	CAMO-19-174831	GELC
R-50 S2	1185.0	04/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	—	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-1441	CAMO-19-174831	GELC
R-50 S2	1185.0	04/22/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-1441	CAMO-19-174830	GELC
R-50 S2	1185.0	04/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.371	—	—	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-1441	CAMO-19-174831	GELC
R-50 S2	1185.0	04/22/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	39.1	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-1441	CAMO-19-174831	GELC
R-50 S2	1185.0	04/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	—	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-1441	CAMO-19-174831	GELC
R-50 S2	1185.0	04/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	—	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-1441	CAMO-19-174831	GELC
R-50 S2	1185.0	04/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.61	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-1441	CAMO-19-174831	GELC
R-50 S2	1185.0	04/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	—	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1441	CAMO-19-174831	GELC
R-50 S2	1185.0	04/22/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-1441	CAMO-19-174830	GELC
R-50 S2	1185.0	04/22/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-1441	CAMO-19-174831	GELC
R-50 S2	1185.0	04/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.998	—	—	2.37*[f]	µg/L	—	0.2	Y	J	J	N3B-2019-1441	CAMO-19-174831	GELC
R-50 S2	1185.0	04/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.42	—	—	2.75*[f]	µg/L	—	0.6	Y	J	J	N3B-2019-1441	CAMO-19-174831	GELC
R-50 S2	1185.0	04/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.572	—	—	0.748*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2019-1441	CAMO-19-174831	GELC
R-50 S2	1185.0	04/22/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.347	—	—	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-1441	CAMO-19-174831	GELC
R-50 S2	1185.0	04/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.14	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-1441	CAMO-19-174831	GELC
R-50 S2	1185.0	04/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	—	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1441	CAMO-19-174831	GELC
R-50 S2	1185.0	04/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	64.3	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-1441	CAMO-19-174831	GELC
R-50 S2	1185.0	04/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	—	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-1441	CAMO-19-174831	GELC
R-50 S2	1185.0	04/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.32	—	—	15.3*[f]	mg/L	—	0.1	Y	N	NQ	N3B-2019-1441	CAMO-19-174831	GELC
R-50 S2	1185.0	04/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	134.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-1441	CAMO-19-174831	GELC
R-50 S2	1185.0	04/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	42.0	—	—	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1441	CAMO-19-174831	GELC
R-50 S2	1185.0	04/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.64	—	—	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-1441	CAMO-19-174831	GELC
R-50 S2	1185.0	04/22/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1441	CAMO-19-174830	GELC
R-50 S2	1185.0	04/22/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1441	CAMO-19-174831	GELC
R-50 S2	1185.0	04/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	—	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-1441	CAMO-19-174831	GELC
R-50 S2	1185.0	04/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	3.63	—	—	13*[f]	µg/L	—	2.5	Y	J	J	N3B-2019-1441	CAMO-19-174831	GELC
R-50 S2	1185.0	04/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	98.6	—	—	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-1441	CAMO-19-174831	GELC
R-50 S2	1185.0	04/22/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.165*[f]	mg/L	—	0.033	Y	U	U	N3B-2019-1441	CAMO-19-174830	GELC
R-50 S2	1185.0	04/22/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2019-1441	CAMO-19-174830	GELC
R-50 S2	1185.0	04/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0208	—	—	0.0822*[f]	mg/L	—	0.02	Y	J	J	N3B-2019-1441	CAMO-19-174831	GELC
R-50 S2	1185.0	04/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.526	—	—	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-1441	CAMO-19-174831	GELC
R-50 S2	1185.0	04/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.18	—	—	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1441	CAMO-19-174831	GELC
R-50 S2	1185.0	04/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	7.46	—	—	14.4*[f]	µg/L	—	3.3	Y	J	U	N3B-2019-1441	CAMO-19-174831	GELC
R-50 S2	1185.0	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.05	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-1131	CAMO-19-167711	GELC
R-50 S2	1185.0	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-1131	CAMO-19-167711	GELC
R-50 S2	1185.0	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.4	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-1131	CAMO-19-167711	GELC
R-50 S2	1185.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	—	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-1131	CAMO-19-167711	GELC
R-50 S2	1185.0	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0258	—	—	0.1*[f]	mg/L	—	0.017	Y	J	J	N3B-2019-1131	CAMO-19-167711	GELC
R-50 S2	1185.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1131	CAMO-19-167711	GELC
R-50 S2	1185.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	4.0	—	—	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-1131	CAMO-19-167711	GELC
R-50 S2	1185.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	23.9	—	—	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1131	CAMO-19-167711	GELC
R-50 S2	1185.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1131	CAMO-19-167711	GELC

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Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-50 S2	1185.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	—	18.7*[f]	µg/L	—	15.0	Y	U	U	N3B-2019-1131	CAMO-19-167711	GELC
R-50 S2	1185.0	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-1131	CAMO-19-167711	GELC
R-50 S2	1185.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	—	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-1131	CAMO-19-167711	GELC
R-50 S2	1185.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.3	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-1131	CAMO-19-167711	GELC
R-50 S2	1185.0	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.25	—	—	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-1131	CAMO-19-167711	GELC
R-50 S2	1185.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.44	—	—	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-1131	CAMO-19-167711	GELC
R-50 S2	1185.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1131	CAMO-19-167711	GELC
R-50 S2	1185.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	—	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-1131	CAMO-19-167711	GELC
R-50 S2	1185.0	03/14/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-1131	CAMO-19-167712	GELC
R-50 S2	1185.0	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.39	—	—	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-1131	CAMO-19-167711	GELC
R-50 S2	1185.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	44.0	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-1131	CAMO-19-167711	GELC
R-50 S2	1185.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	—	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-1131	CAMO-19-167711	GELC
R-50 S2	1185.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	—	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-1131	CAMO-19-167711	GELC
R-50 S2	1185.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.82	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-1131	CAMO-19-167711	GELC
R-50 S2	1185.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	—	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1131	CAMO-19-167711	GELC
R-50 S2	1185.0	03/14/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-1131	CAMO-19-167711	GELC
R-50 S2	1185.0	03/14/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-1131	CAMO-19-167712	GELC
R-50 S2	1185.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.04	—	—	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-1131	CAMO-19-167711	GELC
R-50 S2	1185.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.63	—	—	2.75*[f]	µg/L	—	0.6	Y	J	J	N3B-2019-1131	CAMO-19-167711	GELC
R-50 S2	1185.0	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.554	—	—	0.748*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2019-1131	CAMO-19-167711	GELC
R-50 S2	1185.0	03/14/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.317	—	—	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-1131	CAMO-19-167711	GELC
R-50 S2	1185.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.22	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-1131	CAMO-19-167711	GELC
R-50 S2	1185.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	—	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1131	CAMO-19-167711	GELC
R-50 S2	1185.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.5	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-1131	CAMO-19-167711	GELC
R-50 S2	1185.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	—	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-1131	CAMO-19-167711	GELC
R-50 S2	1185.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.3	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-1131	CAMO-19-167711	GELC
R-50 S2	1185.0	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	139.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-1131	CAMO-19-167711	GELC
R-50 S2	1185.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	48.6	—	—	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1131	CAMO-19-167711	GELC
R-50 S2	1185.0	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.67	—	—	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-1131	CAMO-19-167711	GELC
R-50 S2	1185.0	03/14/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1131	CAMO-19-167711	GELC
R-50 S2	1185.0	03/14/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1131	CAMO-19-167712	GELC
R-50 S2	1185.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	—	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-1131	CAMO-19-167711	GELC
R-50 S2	1185.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2019-1131	CAMO-19-167711	GELC
R-50 S2	1185.0	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	123.0	—	—	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-1131	CAMO-19-167711	GELC
R-50 S2	1185.0	03/14/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0436	—	—	0.165*[f]	mg/L	—	0.033	Y	J	J	N3B-2019-1131	CAMO-19-167712	GELC
R-50 S2	1185.0	03/14/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2019-1131	CAMO-19-167712	GELC
R-50 S2	1185.0	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0356	—	—	0.0822*[f]	mg/L	—	0.02	Y	J	U	N3B-2019-1131	CAMO-19-167711	GELC
R-50 S2	1185.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.509	—	—	1.06*[f]	µg/L	—	0.067	Y	—	J+	N3B-2019-1131	CAMO-19-167711	GELC
R-50 S2	1185.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.7	—	—	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1131	CAMO-19-167711	GELC
R-50 S2	1185.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	14.4*[f]	µg/L	—	3.3	Y	U	U	N3B-2019-1131	CAMO-19-167711	GELC
R-50 S2	1185.0	02/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.1	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-940	CAMO-19-166464	GELC
R-50 S2	1185.0	02/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-940	CAMO-19-166464	GELC
R-50 S2	1185.0	02/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.4	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-940	CAMO-19-166464	GELC
R-50 S2	1185.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	—	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-940	CAMO-19-166464	GELC
R-50 S2	1185.0	02/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0578	—	—	0.1*[f]	mg/L	—	0.017	Y	—	U	N3B-2019-940	CAMO-19-166464	GELC
R-50 S2	1185.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-940	CAMO-19-166464	GELC
R-50 S2	1185.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.5	—	—	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-940	CAMO-19-166464	GELC
R-50 S2	1185.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	24.5	—	—	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-940	CAMO-19-166464	GELC
R-50 S2	1185.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-940	CAMO-19-166464	GELC
R-50 S2	1185.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	—	18.7*[f]	µg/L	—	15.0	Y	U	U	N3B-2019-940	CAMO-19-166464	GELC
R-50 S2	1185.0	02/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0847	—	—	0.067*[f]	mg/L	—	0.067	Y	J	J	N3B-2019-940	CAMO-19-166464	GELC
R-50 S2	1185.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	—	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-940	CAMO-19-166464	GELC
R-50 S2	1185.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.2	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-940	CAMO-19-166464	GELC
R-50 S2	1185.0	02/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.09	—	—	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-940	CAMO-19-166464	GELC
R-50 S2	1185.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.46	—	—	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-940	CAMO-19-166464	GELC
R-50 S2	1185.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-940	CAMO-19-166464	GELC
R-50 S2	1185.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	—	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-940	CAMO-19-166464	GELC
R-50 S2	1185.0	02/20/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-940	CAMO-19-166465	GELC
R-50 S2	1185.0	02/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.413	—	—	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-940	CAMO-19-166464	GELC
R-50 S2	1185.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	44.5	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-940	CAMO-19-166464	GELC
R-50 S2	1185.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	—	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-940	CAMO-19-166464	GELC
R-50 S2	1185.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	—	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-940	CAMO-19-166464	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-50 S2	1185.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.02	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-940	CAMO-19-166464	GELC
R-50 S2	1185.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	—	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-940	CAMO-19-166464	GELC
R-50 S2	1185.0	02/20/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-940	CAMO-19-166464	GELC
R-50 S2	1185.0	02/20/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-940	CAMO-19-166465	GELC
R-50 S2	1185.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.01	—	—	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-940	CAMO-19-166464	GELC
R-50 S2	1185.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.94	—	—	2.75*[f]	µg/L	—	0.6	Y	J	J	N3B-2019-940	CAMO-19-166464	GELC
R-50 S2	1185.0	02/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.539	—	—	0.748*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2019-940	CAMO-19-166464	GELC
R-50 S2	1185.0	02/20/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.321	—	—	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-940	CAMO-19-166464	GELC
R-50 S2	1185.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.46	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-940	CAMO-19-166464	GELC
R-50 S2	1185.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	—	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-940	CAMO-19-166464	GELC
R-50 S2	1185.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	77.7	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-940	CAMO-19-166464	GELC
R-50 S2	1185.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	—	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-940	CAMO-19-166464	GELC
R-50 S2	1185.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.8	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-940	CAMO-19-166464	GELC
R-50 S2	1185.0	02/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	135.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-940	CAMO-19-166464	GELC
R-50 S2	1185.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	49.7	—	—	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-940	CAMO-19-166464	GELC
R-50 S2	1185.0	02/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.53	—	—	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-940	CAMO-19-166464	GELC
R-50 S2	1185.0	02/20/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-940	CAMO-19-166464	GELC
R-50 S2	1185.0	02/20/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-940	CAMO-19-166465	GELC
R-50 S2	1185.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	—	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-940	CAMO-19-166464	GELC
R-50 S2	1185.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	3.5	—	—	13*[f]	µg/L	—	2.5	Y	J	J	N3B-2019-940	CAMO-19-166464	GELC
R-50 S2	1185.0	02/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	246.0	—	—	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-940	CAMO-19-166464	GELC
R-50 S2	1185.0	02/20/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.185	—	—	0.165*[f]	mg/L	—	0.033	Y	—	U	N3B-2019-940	CAMO-19-166465	GELC
R-50 S2	1185.0	02/20/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2019-940	CAMO-19-166465	GELC
R-50 S2	1185.0	02/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0267	—	—	0.0822*[f]	mg/L	—	0.02	Y	J	U	N3B-2019-940	CAMO-19-166464	GELC
R-50 S2	1185.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.543	—	—	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-940	CAMO-19-166464	GELC
R-50 S2	1185.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	8.46	—	—	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-940	CAMO-19-166464	GELC
R-50 S2	1185.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	4.33	—	—	14.4*[f]	µg/L	—	3.3	Y	J	J	N3B-2019-940	CAMO-19-166464	GELC
R-50 S2	1185.0	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.06	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-761	CAMO-19-165987	GELC
R-50 S2	1185.0	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-761	CAMO-19-165987	GELC
R-50 S2	1185.0	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.0	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-761	CAMO-19-165987	GELC
R-50 S2	1185.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-761	CAMO-19-165987	GELC
R-50 S2	1185.0	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0541	—	—	0.1*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2019-761	CAMO-19-165987	GELC
R-50 S2	1185.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-761	CAMO-19-165987	GELC
R-50 S2	1185.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.24	—	10	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-761	CAMO-19-165987	GELC
R-50 S2	1185.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	22.9	—	2000	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-761	CAMO-19-165987	GELC
R-50 S2	1185.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-761	CAMO-19-165987	GELC
R-50 S2	1185.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	750	18.7*[f]	µg/L	—	15.0	Y	U	U	N3B-2019-761	CAMO-19-165987	GELC
R-50 S2	1185.0	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-761	CAMO-19-165987	GELC
R-50 S2	1185.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-761	CAMO-19-165987	GELC
R-50 S2	1185.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.9	—	—	14.5*[f]	mg/L	—	0.05	Y	—	J+	N3B-2019-761	CAMO-19-165987	GELC
R-50 S2	1185.0	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.12	—	250	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-761	CAMO-19-165987	GELC
R-50 S2	1185.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.26	—	50	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-761	CAMO-19-165987	GELC
R-50 S2	1185.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.09	—	50	1*[f]	µg/L	—	1.0	Y	J	U	N3B-2019-761	CAMO-19-165987	GELC
R-50 S2	1185.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-761	CAMO-19-165987	GELC
R-50 S2	1185.0	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.357	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-761	CAMO-19-165987	GELC
R-50 S2	1185.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	44.3	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-761	CAMO-19-165987	GELC
R-50 S2	1185.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-761	CAMO-19-165987	GELC
R-50 S2	1185.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-761	CAMO-19-165987	GELC
R-50 S2	1185.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.17	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-761	CAMO-19-165987	GELC
R-50 S2	1185.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-761	CAMO-19-165987	GELC
R-50 S2	1185.0	01/15/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-761	CAMO-19-165987	GELC
R-50 S2	1185.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.0	—	1000	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-761	CAMO-19-165987	GELC
R-50 S2	1185.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.07	—	200	2.75*[f]	µg/L	—	0.6	Y	—	NQ	N3B-2019-761	CAMO-19-165987	GELC
R-50 S2	1185.0	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.516	—	10	0.748*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2019-761	CAMO-19-165987	GELC
R-50 S2	1185.0	01/15/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.367	—	13.8	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-761	CAMO-19-165987	GELC
R-50 S2	1185.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.31	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-761	CAMO-19-165987	GELC
R-50 S2	1185.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-761	CAMO-19-165987	GELC
R-50 S2	1185.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	72.4	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-761	CAMO-19-165987	GELC
R-50 S2	1185.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-761	CAMO-19-165987	GELC
R-50 S2	1185.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.3	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-761	CAMO-19-165987	GELC
R-50 S2	1185.0	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	150.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-761	CAMO-19-165987	GELC
R-50 S2	1185.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	46.5	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-761	CAMO-19-165987	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-50 S2	1185.0	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.56	—	600	4.51*f	mg/L	—	0.133	Y	—	NQ	N3B-2019-761	CAMO-19-165987	GELC
R-50 S2	1185.0	01/15/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-761	CAMO-19-165987	GELC
R-50 S2	1185.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	2	0.45*f	µg/L	—	0.6	Y	U	U	N3B-2019-761	CAMO-19-165987	GELC
R-50 S2	1185.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	4.8	—	12000	13*f	µg/L	—	2.5	Y	J	U	N3B-2019-761	CAMO-19-165987	GELC
R-50 S2	1185.0	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	183.0	—	1000	159*f	mg/L	—	3.4	Y	—	NQ	N3B-2019-761	CAMO-19-165987	GELC
R-50 S2	1185.0	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0386	—	—	0.0822*f	mg/L	—	0.02	Y	J	U	N3B-2019-761	CAMO-19-165987	GELC
R-50 S2	1185.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.525	—	30	1.06*f	µg/L	—	0.067	Y	—	NQ	N3B-2019-761	CAMO-19-165987	GELC
R-50 S2	1185.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.75	—	63.1	10.7*f	µg/L	—	1.0	Y	—	NQ	N3B-2019-761	CAMO-19-165987	GELC
R-50 S2	1185.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.57	—	10000	14.4*f	µg/L	—	3.3	Y	J	U	N3B-2019-761	CAMO-19-165987	GELC
R-50 S2	1185.0	01/08/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*f	mg/L	—	0.00167	Y	U	U	N3B-2019-761	CAMO-19-165988	GELC
R-50 S2	1185.0	01/08/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*f	µg/L	—	0.067	Y	U	U	N3B-2019-761	CAMO-19-165988	GELC
R-50 S2	1185.0	01/08/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-761	CAMO-19-165988	GELC
R-50 S2	1185.0	01/08/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.165*f	mg/L	—	0.033	Y	U	U	N3B-2019-761	CAMO-19-165988	GELC
R-50 S2	1185.0	01/08/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.982*f	mg/L	—	0.33	Y	U	U	N3B-2019-761	CAMO-19-165988	GELC
R-50 S2	1185.0	01/08/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.033	0.922	20000	2.06*f	pCi/L	3.016	—	Y	U	U	N3B-2019-773	CAMO-19-165988	ARSL
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.7	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	54.4	—	—	69.92*f	mg/L	—	1.45	Y	—	NQ	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*f	µg/L	—	68.0	Y	U	U	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0294	—	—	0.1*f	mg/L	—	0.017	Y	J	U	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1.0	—	6	1*f	µg/L	—	1.0	Y	U	U	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.11	—	10	2.7*f	µg/L	—	2.0	Y	J	J	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	23.0	—	2000	37.4*f	µg/L	—	1.0	Y	—	NQ	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*f	µg/L	—	1.0	Y	U	U	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	750	18.7*f	µg/L	—	15.0	Y	U	U	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*f	mg/L	—	0.067	Y	U	U	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	0.11*f	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.8	—	—	14.5*f	mg/L	—	0.05	Y	—	NQ	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.97	—	250	2.61*f	mg/L	—	0.067	Y	—	NQ	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	33.1	—	50	6.6*f	µg/L	—	3.0	Y	—	NQ	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*f	µg/L	—	1.0	Y	U	U	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*f	µg/L	—	3.0	Y	U	U	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	11/20/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*f	mg/L	—	0.00167	Y	U	U	N3B-2020-404	CAMO-20-189181	GELC
R-61 S1	1125.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	Y	0.196	—	4.59	—	µg/L	—	0.1	Y	J	J	N3B-2020-404	CAMO-20-189181	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.417	—	1.6	0.382*f	mg/L	—	0.033	Y	—	NQ	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	48.3	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*f	µg/L	—	30.0	Y	U	U	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	—	15	0.5*f	µg/L	—	0.5	Y	U	U	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.59	—	—	4.11*f	mg/L	—	0.11	Y	—	NQ	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*f	µg/L	—	2.0	Y	U	U	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	—	2	0.067*f	µg/L	—	0.067	Y	U	U	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	11/20/2019	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	—	2	0.067*f	µg/L	—	0.067	Y	U	U	N3B-2020-404	CAMO-20-189181	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.47	—	1000	2.37*f	µg/L	—	0.2	Y	—	NQ	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	N	0.6	—	200	2.75*f	µg/L	—	0.6	Y	U	U	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.36	—	10	0.748*f	mg/L	—	0.17	Y	—	NQ	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	11/20/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	—	0.00167	—	µg/L	—	0.00018	Y	U	U	N3B-2020-401	CAMO-20-189181	SwRI
R-61 S1	1125.0	11/20/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00036	—	0.00491	—	µg/L	—	0.00036	Y	U	U	N3B-2020-401	CAMO-20-189181	SwRI
R-61 S1	1125.0	11/20/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.00047	—	0.0273	—	µg/L	—	0.00047	Y	U	U	N3B-2020-401	CAMO-20-189181	SwRI
R-61 S1	1125.0	11/20/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	—	0.11	—	µg/L	—	0.00018	Y	U	U	N3B-2020-401	CAMO-20-189181	SwRI
R-61 S1	1125.0	11/20/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	—	0.37	—	µg/L	—	0.00033	Y	U	U	N3B-2020-401	CAMO-20-189181	SwRI
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	12.5	—	13.8	0.412*f	µg/L	—	0.5	Y	—	J	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	11/20/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.559	—	70	—	ng/L	—	0.559	Y	U	U	N3B-2020-404	CAMO-20-189181	GELC
R-61 S1	1125.0	11/20/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.678	—	70	—	ng/L	—	0.678	Y	U	U	N3B-2020-404	CAMO-20-189181	GELC
R-61 S1	1125.0	11/20/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.678	—	70	—	ng/L	—	0.678	Y	U	U	N3B-2020-404	CAMO-20-189181	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	4.07	—	—	2.357*f	mg/L	—	0.05	Y	—	J+	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	11/20/2019	WG	UF	RE	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.29	—	250	—	µg/L	—	3.29	Y	U	U	N3B-2020-404	CAMO-20-189181	GELC
R-61 S1	1125.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.29	—	250	2.06*f	µg/L	—	3.29	N	U	U	N3B-2020-404	CAMO-20-189181	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	2.0	—	50	1.5*f	µg/L	—	2.0	Y	U	U	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.8	—	—	80.7*f	mg/L	—	0.053	Y	—	NQ	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	—	50	0.2*f	µg/L	—	0.3	Y	U	U	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.6	—	—	15.3*f	mg/L	—	0.1	Y	—	NQ	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	132.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2020-404	CAMO-20-189180	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	56.4	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.12	—	600	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	11/20/2019	WG	UF	RE	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.29	—	20	—	µg/L	—	3.29	Y	U	U	N3B-2020-404	CAMO-20-189181	GELC
R-61 S1	1125.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.29	—	20	2.06*[f]	µg/L	—	3.29	N	U	U	N3B-2020-404	CAMO-20-189181	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	11/20/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-404	CAMO-20-189181	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	12000	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	166.0	—	1000	159*[f]	mg/L	—	3.4	Y	—	J+	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	11/20/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.165*[f]	mg/L	—	0.033	Y	U	U	N3B-2020-404	CAMO-20-189181	GELC
R-61 S1	1125.0	11/20/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.474	—	—	0.982*[f]	mg/L	—	0.33	Y	J	J	N3B-2020-404	CAMO-20-189181	GELC
R-61 S1	1125.0	11/20/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Total PFAS	PFAS-Tot-3a	N	0.0	—	70	—	ng/L	—	1.69	—	U	—	N3B-2020-404	CAMO-20-189181	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.322	—	—	0.0822*[f]	mg/L	—	0.02	Y	—	NQ	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	11/20/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	73.982	11.243	20000	2.06*[f]	pCi/L	2.988	—	Y	—	NQ	N3B-2020-398	CAMO-20-189181	ARSL
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.212	—	30	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.57	—	63.1	10.7*[f]	µg/L	—	1.0	Y	J	J	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	4.66	—	10000	14.4*[f]	µg/L	—	3.3	Y	J	J	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.69	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	55.4	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Aluminum	Al	N	19.3	—	—	68*[f]	µg/L	—	19.3	Y	U	U	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.148	—	—	0.1*[f]	mg/L	—	0.017	Y	—	J-	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	3.15	—	—	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	23.5	—	—	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Beryllium	Be	N	0.2	—	—	1*[f]	µg/L	—	0.2	Y	U	U	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	—	18.7*[f]	µg/L	—	15.0	Y	U	U	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	UJ	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	—	—	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.2	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.71	—	—	2.61*[f]	mg/L	—	0.067	Y	—	J+	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	28.9	—	—	6.6*[f]	µg/L	—	3.0	Y	—	NQ	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cobalt	Co	N	0.3	—	—	1*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Copper	Cu	N	0.3	—	—	3*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	09/23/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-3492	CAMO-19-186542	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.429	—	—	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	47.2	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	—	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	—	—	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.06	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	4.14	—	—	12.1*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	09/23/2019	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	NQ	N3B-2019-3492	CAMO-19-186542	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	NQ	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.66	—	—	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	N	0.6	—	—	2.75*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.59	—	—	0.748*[f]	mg/L	—	0.085	Y	—	J+	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	12.8	—	—	0.412*[f]	µg/L	—	0.5	Y	—	NQ	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	4.3	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	2.0	—	—	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.1	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	—	—	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.3	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	132.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	55.3	—	—	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.53	—	—	4.51*[f]	mg/L	—	0.133	Y	—	J+	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	09/23/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-3492	CAMO-19-186542	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	—	—	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	136.0	—	—	159*[f]	mg/L	—	3.4	Y	—	J	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	09/23/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.165*[f]	mg/L	—	0.033	Y	U	U	N3B-2019-3492	CAMO-19-186542	GELC
R-61 S1	1125.0	09/23/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.357	—	—	0.982*[f]	mg/L	—	0.33	Y	J	J	N3B-2019-3492	CAMO-19-186542	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.397	—	—	0.0822*[f]	mg/L	—	0.02	Y	—	J+	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.195	—	—	1.06*[f]	µg/L	—	0.067	Y	J	J	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Vanadium	V	Y	11.3	—	—	10.7*[f]	µg/L	—	3.3	Y	J	J	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Zinc	Zn	Y	4.17	—	—	14.4*[f]	µg/L	—	3.3	Y	J	J	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	08/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.6	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-3023	CAMO-19-184743	GELC
R-61 S1	1125.0	08/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-3023	CAMO-19-184743	GELC
R-61 S1	1125.0	08/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	53.8	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-3023	CAMO-19-184743	GELC
R-61 S1	1125.0	08/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	—	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-3023	CAMO-19-184743	GELC
R-61 S1	1125.0	08/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0566	—	—	0.1*[f]	mg/L	—	0.017	Y	—	U	N3B-2019-3023	CAMO-19-184743	GELC
R-61 S1	1125.0	08/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-3023	CAMO-19-184743	GELC
R-61 S1	1125.0	08/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.1	—	—	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-3023	CAMO-19-184743	GELC
R-61 S1	1125.0	08/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	22.0	—	—	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-3023	CAMO-19-184743	GELC
R-61 S1	1125.0	08/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-3023	CAMO-19-184743	GELC
R-61 S1	1125.0	08/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	—	18.7*[f]	µg/L	—	15.0	Y	U	U	N3B-2019-3023	CAMO-19-184743	GELC
R-61 S1	1125.0	08/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-3023	CAMO-19-184743	GELC
R-61 S1	1125.0	08/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	—	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-3023	CAMO-19-184743	GELC
R-61 S1	1125.0	08/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.0	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-3023	CAMO-19-184743	GELC
R-61 S1	1125.0	08/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.71	—	—	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-3023	CAMO-19-184743	GELC
R-61 S1	1125.0	08/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	26.0	—	—	6.6*[f]	µg/L	—	3.0	Y	—	NQ	N3B-2019-3023	CAMO-19-184743	GELC
R-61 S1	1125.0	08/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-3023	CAMO-19-184743	GELC
R-61 S1	1125.0	08/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	—	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-3023	CAMO-19-184743	GELC
R-61 S1	1125.0	08/15/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-3023	CAMO-19-184744	GELC
R-61 S1	1125.0	08/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.505	—	—	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-3023	CAMO-19-184743	GELC
R-61 S1	1125.0	08/15/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	46.7	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-3023	CAMO-19-184743	GELC
R-61 S1	1125.0	08/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	—	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-3023	CAMO-19-184743	GELC
R-61 S1	1125.0	08/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	—	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-3023	CAMO-19-184743	GELC
R-61 S1	1125.0	08/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.04	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-3023	CAMO-19-184743	GELC
R-61 S1	1125.0	08/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	—	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-3023	CAMO-19-184743	GELC
R-61 S1	1125.0	08/15/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-3023	CAMO-19-184743	GELC
R-61 S1	1125.0	08/15/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-3023	CAMO-19-184744	GELC
R-61 S1	1125.0	08/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	1.56	—	—	2.37*[f]	µg/L	—	0.2	Y	—	U	N3B-2019-3023	CAMO-19-184743	GELC
R-61 S1	1125.0	08/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.6	—	—	2.75*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-3023	CAMO-19-184743	GELC
R-61 S1	1125.0	08/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.34	—	—	0.748*[f]	mg/L	—	0.085	Y	—	NQ	N3B-2019-3023	CAMO-19-184743	GELC
R-61 S1	1125.0	08/15/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	13.3	—	—	0.412*[f]	µg/L	—	0.5	Y	—	NQ	N3B-2019-3023	CAMO-19-184743	GELC
R-61 S1	1125.0	08/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	4.13	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-3023	CAMO-19-184743	GELC
R-61 S1	1125.0	08/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	—	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-3023	CAMO-19-184743	GELC
R-61 S1	1125.0	08/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.0	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-3023	CAMO-19-184743	GELC
R-61 S1	1125.0	08/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	—	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-3023	CAMO-19-184743	GELC
R-61 S1	1125.0	08/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.5	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-3023	CAMO-19-184743	GELC
R-61 S1	1125.0	08/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	129.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-3023	CAMO-19-184743	GELC
R-61 S1	1125.0	08/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	52.7	—	—	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-3023	CAMO-19-184743	GELC
R-61 S1	1125.0	08/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.47	—	—	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-3023	CAMO-19-184743	GELC
R-61 S1	1125.0	08/15/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-3023	CAMO-19-184743	GELC
R-61 S1	1125.0	08/15/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-3023	CAMO-19-184744	GELC
R-61 S1	1125.0	08/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	—	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-3023	CAMO-19-184743	GELC
R-61 S1	1125.0	08/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2019-3023	CAMO-19-184743	GELC
R-61 S1	1125.0	08/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	149.0	—	—	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-3023	CAMO-19-184743	GELC
R-61 S1	1125.0	08/15/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0689	—	—	0.165*[f]	mg/L	—	0.033	Y	J	U	N3B-2019-3023	CAMO-19-184744	GELC
R-61 S1	1125.0	08/15/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2019-3023	CAMO-19-184744	GELC
R-61 S1	1125.0	08/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.396	—	—	0.0822*[f]	mg/L	—	0.02	Y	—	J+	N3B-2019-3023	CAMO-19-184743	GELC
R-61 S1	1125.0	08/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.238	—	—	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-3023	CAMO-19-184743	GELC
R-61 S1	1125.0	08/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.8	—	—	10.7*[f]	µg/L	—	1.0	Y	J	J	N3B-2019-3023	CAMO-19-184743	GELC
R-61 S1	1125.0	08/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	7.48	—	—	14.4*[f]	µg/L	—	3.3	Y	J	J	N3B-2019-3023	CAMO-19-184743	GELC
R-61 S1	1125.0	07/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.72	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-2573	CAMO-19-181866	GELC
R-61 S1	1125.0	07/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-2573	CAMO-19-181866	GELC
R-61 S1	1125.0	07/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	60.8	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-2573	CAMO-19-181866	GELC
R-61 S1	1125.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-2573	CAMO-19-181866	GELC
R-61 S1	1125.0	07/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0412	—	—	0.1*[f]	mg/L	—	0.017	Y	J	J	N3B-2019-2573	CAMO-19-181866	GELC
R-61 S1	1125.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2573	CAMO-19-181866	GELC
R-61 S1	1125.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	3.67	—	10	2.7*[f]	µg/L	—	2.0	Y	J	U	N3B-2019-2573	CAMO-19-181866	GELC
R-61 S1	1125.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	22.6	—	2000	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2573	CAMO-19-181866	GELC
R-61 S1	1125.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2573	CAMO-19-181866	GELC

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Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-61 S1	1125.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	750	18.7*[f]	µg/L	—	15.0	Y	U	U	N3B-2019-2573	CAMO-19-181866	GELC
R-61 S1	1125.0	07/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-2573	CAMO-19-181866	GELC
R-61 S1	1125.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-2573	CAMO-19-181866	GELC
R-61 S1	1125.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.4	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-2573	CAMO-19-181866	GELC
R-61 S1	1125.0	07/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.26	—	250	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-2573	CAMO-19-181866	GELC
R-61 S1	1125.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	28.6	—	50	6.6*[f]	µg/L	—	3.0	Y	—	NQ	N3B-2019-2573	CAMO-19-181866	GELC
R-61 S1	1125.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2573	CAMO-19-181866	GELC
R-61 S1	1125.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-2573	CAMO-19-181866	GELC
R-61 S1	1125.0	07/17/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-2573	CAMO-19-181867	GELC
R-61 S1	1125.0	07/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.462	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-2573	CAMO-19-181866	GELC
R-61 S1	1125.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	46.3	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-2573	CAMO-19-181866	GELC
R-61 S1	1125.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-2573	CAMO-19-181866	GELC
R-61 S1	1125.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-2573	CAMO-19-181866	GELC
R-61 S1	1125.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.69	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-2573	CAMO-19-181866	GELC
R-61 S1	1125.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2573	CAMO-19-181866	GELC
R-61 S1	1125.0	07/17/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-2573	CAMO-19-181866	GELC
R-61 S1	1125.0	07/17/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-2573	CAMO-19-181867	GELC
R-61 S1	1125.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.76	—	1000	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-2573	CAMO-19-181866	GELC
R-61 S1	1125.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.6	—	200	2.75*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-2573	CAMO-19-181866	GELC
R-61 S1	1125.0	07/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.06	—	10	0.748*[f]	mg/L	—	0.085	Y	—	NQ	N3B-2019-2573	CAMO-19-181866	GELC
R-61 S1	1125.0	07/17/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	9.61	—	13.8	0.412*[f]	µg/L	—	0.5	Y	—	NQ	N3B-2019-2573	CAMO-19-181866	GELC
R-61 S1	1125.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.66	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-2573	CAMO-19-181866	GELC
R-61 S1	1125.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2573	CAMO-19-181866	GELC
R-61 S1	1125.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.3	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-2573	CAMO-19-181866	GELC
R-61 S1	1125.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-2573	CAMO-19-181866	GELC
R-61 S1	1125.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.8	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-2573	CAMO-19-181866	GELC
R-61 S1	1125.0	07/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	158.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-2573	CAMO-19-181866	GELC
R-61 S1	1125.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	53.9	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2573	CAMO-19-181866	GELC
R-61 S1	1125.0	07/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.79	—	600	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-2573	CAMO-19-181866	GELC
R-61 S1	1125.0	07/17/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2573	CAMO-19-181866	GELC
R-61 S1	1125.0	07/17/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2573	CAMO-19-181867	GELC
R-61 S1	1125.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-2573	CAMO-19-181866	GELC
R-61 S1	1125.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	12000	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2019-2573	CAMO-19-181866	GELC
R-61 S1	1125.0	07/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	123.0	—	1000	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-2573	CAMO-19-181866	GELC
R-61 S1	1125.0	07/17/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0854	—	—	0.165*[f]	mg/L	—	0.033	Y	J	U	N3B-2019-2573	CAMO-19-181867	GELC
R-61 S1	1125.0	07/17/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.38	—	—	0.982*[f]	mg/L	—	0.33	Y	J	J	N3B-2019-2573	CAMO-19-181867	GELC
R-61 S1	1125.0	07/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.454	—	—	0.0822*[f]	mg/L	—	0.02	Y	—	NQ	N3B-2019-2573	CAMO-19-181866	GELC
R-61 S1	1125.0	07/17/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	37.713	5.852	20000	2.06*[f]	pCi/L	3.316	—	Y	—	NQ	N3B-2019-2583	CAMO-19-181867	ARSL
R-61 S1	1125.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.286	—	30	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-2573	CAMO-19-181866	GELC
R-61 S1	1125.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.86	—	63.1	10.7*[f]	µg/L	—	1.0	Y	J	J	N3B-2019-2573	CAMO-19-181866	GELC
R-61 S1	1125.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	6.26	—	10000	14.4*[f]	µg/L	—	3.3	Y	J	U	N3B-2019-2573	CAMO-19-181866	GELC
R-61 S1	1125.0	06/06/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.55	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-2144	CAMO-19-181697	GELC
R-61 S1	1125.0	06/06/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-2144	CAMO-19-181697	GELC
R-61 S1	1125.0	06/06/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	57.6	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-2144	CAMO-19-181697	GELC
R-61 S1	1125.0	06/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	—	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-2144	CAMO-19-181697	GELC
R-61 S1	1125.0	06/06/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.108	—	—	0.1*[f]	mg/L	—	0.017	Y	—	J+	N3B-2019-2144	CAMO-19-181697	GELC
R-61 S1	1125.0	06/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2144	CAMO-19-181697	GELC
R-61 S1	1125.0	06/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.11	—	—	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-2144	CAMO-19-181697	GELC
R-61 S1	1125.0	06/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	19.5	—	—	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2144	CAMO-19-181697	GELC
R-61 S1	1125.0	06/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2144	CAMO-19-181697	GELC
R-61 S1	1125.0	06/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	—	18.7*[f]	µg/L	—	15.0	Y	U	U	N3B-2019-2144	CAMO-19-181697	GELC
R-61 S1	1125.0	06/06/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-2144	CAMO-19-181697	GELC
R-61 S1	1125.0	06/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	—	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-2144	CAMO-19-181697	GELC
R-61 S1	1125.0	06/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	9.95	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-2144	CAMO-19-181697	GELC
R-61 S1	1125.0	06/06/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.52	—	—	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-2144	CAMO-19-181697	GELC
R-61 S1	1125.0	06/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	39.1	—	—	6.6*[f]	µg/L	—	3.0	Y	—	NQ	N3B-2019-2144	CAMO-19-181697	GELC
R-61 S1	1125.0	06/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2144	CAMO-19-181697	GELC
R-61 S1	1125.0	06/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	—	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-2144	CAMO-19-181697	GELC
R-61 S1	1125.0	06/06/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-2144	CAMO-19-181698	GELC
R-61 S1	1125.0	06/06/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.424	—	—	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-2144	CAMO-19-181697	GELC
R-61 S1	1125.0	06/06/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	39.3	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-2144	CAMO-19-181697	GELC
R-61 S1	1125.0	06/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	—	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-2144	CAMO-19-181697	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-61 S1	1125.0	06/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	—	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-2144	CAMO-19-181697	GELC
R-61 S1	1125.0	06/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.52	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-2144	CAMO-19-181697	GELC
R-61 S1	1125.0	06/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	—	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2144	CAMO-19-181697	GELC
R-61 S1	1125.0	06/06/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-2144	CAMO-19-181697	GELC
R-61 S1	1125.0	06/06/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-2144	CAMO-19-181698	GELC
R-61 S1	1125.0	06/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.63	—	—	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-2144	CAMO-19-181697	GELC
R-61 S1	1125.0	06/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.612	—	—	2.75*[f]	µg/L	—	0.6	Y	J	J	N3B-2019-2144	CAMO-19-181697	GELC
R-61 S1	1125.0	06/06/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.44	—	—	0.748*[f]	mg/L	—	0.085	Y	—	NQ	N3B-2019-2144	CAMO-19-181697	GELC
R-61 S1	1125.0	06/06/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	11.8	—	—	0.412*[f]	µg/L	—	0.5	Y	—	NQ	N3B-2019-2144	CAMO-19-181697	GELC
R-61 S1	1125.0	06/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.58	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-2144	CAMO-19-181697	GELC
R-61 S1	1125.0	06/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	—	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2144	CAMO-19-181697	GELC
R-61 S1	1125.0	06/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	60.1	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-2144	CAMO-19-181697	GELC
R-61 S1	1125.0	06/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	—	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-2144	CAMO-19-181697	GELC
R-61 S1	1125.0	06/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.2	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-2144	CAMO-19-181697	GELC
R-61 S1	1125.0	06/06/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	161.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-2144	CAMO-19-181697	GELC
R-61 S1	1125.0	06/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	44.7	—	—	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2144	CAMO-19-181697	GELC
R-61 S1	1125.0	06/06/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.2	—	—	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-2144	CAMO-19-181697	GELC
R-61 S1	1125.0	06/06/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2144	CAMO-19-181697	GELC
R-61 S1	1125.0	06/06/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2144	CAMO-19-181698	GELC
R-61 S1	1125.0	06/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	—	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-2144	CAMO-19-181697	GELC
R-61 S1	1125.0	06/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	10.1	—	—	13*[f]	µg/L	—	2.5	Y	—	NQ	N3B-2019-2144	CAMO-19-181697	GELC
R-61 S1	1125.0	06/06/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	170.0	—	—	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-2144	CAMO-19-181697	GELC
R-61 S1	1125.0	06/06/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0685	—	—	0.165*[f]	mg/L	—	0.033	Y	J	J	N3B-2019-2144	CAMO-19-181698	GELC
R-61 S1	1125.0	06/06/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2019-2144	CAMO-19-181698	GELC
R-61 S1	1125.0	06/06/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.472	—	—	0.0822*[f]	mg/L	—	0.02	Y	—	NQ	N3B-2019-2144	CAMO-19-181697	GELC
R-61 S1	1125.0	06/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.234	—	—	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-2144	CAMO-19-181697	GELC
R-61 S1	1125.0	06/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.74	—	—	10.7*[f]	µg/L	—	1.0	Y	J	J	N3B-2019-2144	CAMO-19-181697	GELC
R-61 S1	1125.0	06/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	7.33	—	—	14.4*[f]	µg/L	—	3.3	Y	J	U	N3B-2019-2144	CAMO-19-181697	GELC
R-61 S1	1125.0	05/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.55	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-1991	CAMO-19-175171	GELC
R-61 S1	1125.0	05/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	UH	U	N3B-2019-1991	CAMO-19-175171	GELC
R-61 S1	1125.0	05/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	55.6	—	—	69.92*[f]	mg/L	—	1.45	Y	H	NQ	N3B-2019-1991	CAMO-19-175171	GELC
R-61 S1	1125.0	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-1991	CAMO-19-175171	GELC
R-61 S1	1125.0	05/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0477	—	—	0.1*[f]	mg/L	—	0.017	Y	J	J	N3B-2019-1991	CAMO-19-175171	GELC
R-61 S1	1125.0	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1991	CAMO-19-175171	GELC
R-61 S1	1125.0	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	2.0	—	10	2.7*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1991	CAMO-19-175171	GELC
R-61 S1	1125.0	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	19.9	—	2000	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1991	CAMO-19-175171	GELC
R-61 S1	1125.0	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1991	CAMO-19-175171	GELC
R-61 S1	1125.0	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	750	18.7*[f]	µg/L	—	15.0	Y	U	U	N3B-2019-1991	CAMO-19-175171	GELC
R-61 S1	1125.0	05/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-1991	CAMO-19-175171	GELC
R-61 S1	1125.0	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-1991	CAMO-19-175171	GELC
R-61 S1	1125.0	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.4	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-1991	CAMO-19-175171	GELC
R-61 S1	1125.0	05/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.28	—	250	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-1991	CAMO-19-175171	GELC
R-61 S1	1125.0	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	21.3	—	50	6.6*[f]	µg/L	—	3.0	Y	—	NQ	N3B-2019-1991	CAMO-19-175171	GELC
R-61 S1	1125.0	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1991	CAMO-19-175171	GELC
R-61 S1	1125.0	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-1991	CAMO-19-175171	GELC
R-61 S1	1125.0	05/16/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-1943	CAMO-19-175172	GELC
R-61 S1	1125.0	05/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.333	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-1991	CAMO-19-175171	GELC
R-61 S1	1125.0	05/16/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	41.2	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-1991	CAMO-19-175171	GELC
R-61 S1	1125.0	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-1991	CAMO-19-175171	GELC
R-61 S1	1125.0	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-1991	CAMO-19-175171	GELC
R-61 S1	1125.0	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.72	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-1991	CAMO-19-175171	GELC
R-61 S1	1125.0	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1991	CAMO-19-175171	GELC
R-61 S1	1125.0	05/16/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-1991	CAMO-19-175172	GELC
R-61 S1	1125.0	05/16/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-1991	CAMO-19-175171	GELC
R-61 S1	1125.0	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.27	—	1000	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-1991	CAMO-19-175171	GELC
R-61 S1	1125.0	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.6	—	200	2.75*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-1991	CAMO-19-175171	GELC
R-61 S1	1125.0	05/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.17	—	10	0.748*[f]	mg/L	—	0.17	Y	—	NQ	N3B-2019-1991	CAMO-19-175171	GELC
R-61 S1	1125.0	05/16/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	12.8	—	13.8	0.412*[f]	µg/L	—	0.5	Y	—	NQ	N3B-2019-1991	CAMO-19-175171	GELC
R-61 S1	1125.0	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	4.02	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-1991	CAMO-19-175171	GELC
R-61 S1	1125.0	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1991	CAMO-19-175171	GELC
R-61 S1	1125.0	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	63.7	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-1991	CAMO-19-175171	GELC
R-61 S1	1125.0	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-1991	CAMO-19-175171	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-61 S1	1125.0	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.0	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-1991	CAMO-19-175171	GELC
R-61 S1	1125.0	05/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	152.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-1991	CAMO-19-175171	GELC
R-61 S1	1125.0	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	48.3	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1991	CAMO-19-175171	GELC
R-61 S1	1125.0	05/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.92	—	600	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-1991	CAMO-19-175171	GELC
R-61 S1	1125.0	05/16/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1943	CAMO-19-175172	GELC
R-61 S1	1125.0	05/16/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1991	CAMO-19-175171	GELC
R-61 S1	1125.0	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-1991	CAMO-19-175171	GELC
R-61 S1	1125.0	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	9.45	—	12000	13*[f]	µg/L	—	2.5	Y	J	J	N3B-2019-1991	CAMO-19-175171	GELC
R-61 S1	1125.0	05/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	157.0	—	1000	159*[f]	mg/L	—	3.4	Y	H	NQ	N3B-2019-1991	CAMO-19-175171	GELC
R-61 S1	1125.0	05/16/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0384	—	—	0.165*[f]	mg/L	—	0.033	Y	J	J	N3B-2019-1991	CAMO-19-175172	GELC
R-61 S1	1125.0	05/16/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2019-1991	CAMO-19-175172	GELC
R-61 S1	1125.0	05/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.41	—	—	0.0822*[f]	mg/L	—	0.02	Y	—	NQ	N3B-2019-1991	CAMO-19-175171	GELC
R-61 S1	1125.0	05/16/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	57.733	8.81	20000	2.06*[f]	pCi/L	3.039	—	Y	—	NQ	N3B-2019-1983	CAMO-19-175172	ARSL
R-61 S1	1125.0	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.198	—	30	1.06*[f]	µg/L	—	0.067	Y	J	J	N3B-2019-1991	CAMO-19-175171	GELC
R-61 S1	1125.0	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.24	—	63.1	10.7*[f]	µg/L	—	1.0	Y	J	J	N3B-2019-1991	CAMO-19-175171	GELC
R-61 S1	1125.0	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	7.93	—	10000	14.4*[f]	µg/L	—	3.3	Y	J	U	N3B-2019-1991	CAMO-19-175171	GELC
R-61 S1	1125.0	04/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.72	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-1436	CAMO-19-174834	GELC
R-61 S1	1125.0	04/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-1436	CAMO-19-174834	GELC
R-61 S1	1125.0	04/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	54.8	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-1436	CAMO-19-174834	GELC
R-61 S1	1125.0	04/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	—	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-1436	CAMO-19-174834	GELC
R-61 S1	1125.0	04/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0502	—	—	0.1*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2019-1436	CAMO-19-174834	GELC
R-61 S1	1125.0	04/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1436	CAMO-19-174834	GELC
R-61 S1	1125.0	04/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.37	—	—	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-1436	CAMO-19-174834	GELC
R-61 S1	1125.0	04/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	22.1	—	—	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1436	CAMO-19-174834	GELC
R-61 S1	1125.0	04/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1436	CAMO-19-174834	GELC
R-61 S1	1125.0	04/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	—	18.7*[f]	µg/L	—	15.0	Y	U	U	N3B-2019-1436	CAMO-19-174834	GELC
R-61 S1	1125.0	04/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-1436	CAMO-19-174834	GELC
R-61 S1	1125.0	04/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	—	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-1436	CAMO-19-174834	GELC
R-61 S1	1125.0	04/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.7	—	—	14.5*[f]	mg/L	—	0.05	Y	EN	NQ	N3B-2019-1436	CAMO-19-174834	GELC
R-61 S1	1125.0	04/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.35	—	—	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-1436	CAMO-19-174834	GELC
R-61 S1	1125.0	04/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	21.7	—	—	6.6*[f]	µg/L	—	3.0	Y	—	NQ	N3B-2019-1436	CAMO-19-174834	GELC
R-61 S1	1125.0	04/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1436	CAMO-19-174834	GELC
R-61 S1	1125.0	04/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	—	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-1436	CAMO-19-174834	GELC
R-61 S1	1125.0	04/19/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-1436	CAMO-19-174833	GELC
R-61 S1	1125.0	04/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.253	—	—	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-1436	CAMO-19-174834	GELC
R-61 S1	1125.0	04/19/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	46.4	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-1436	CAMO-19-174834	GELC
R-61 S1	1125.0	04/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	—	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-1436	CAMO-19-174834	GELC
R-61 S1	1125.0	04/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	—	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-1436	CAMO-19-174834	GELC
R-61 S1	1125.0	04/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.16	—	—	4.11*[f]	mg/L	—	0.11	Y	N	NQ	N3B-2019-1436	CAMO-19-174834	GELC
R-61 S1	1125.0	04/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	2.86	—	—	12.1*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-1436	CAMO-19-174834	GELC
R-61 S1	1125.0	04/19/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-1436	CAMO-19-174833	GELC
R-61 S1	1125.0	04/19/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-1436	CAMO-19-174834	GELC
R-61 S1	1125.0	04/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.43	—	—	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-1436	CAMO-19-174834	GELC
R-61 S1	1125.0	04/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.6	—	—	2.75*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-1436	CAMO-19-174834	GELC
R-61 S1	1125.0	04/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.34	—	—	0.748*[f]	mg/L	—	0.17	Y	—	NQ	N3B-2019-1436	CAMO-19-174834	GELC
R-61 S1	1125.0	04/19/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	13.7	—	—	0.412*[f]	µg/L	—	0.5	Y	—	NQ	N3B-2019-1436	CAMO-19-174834	GELC
R-61 S1	1125.0	04/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	4.31	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-1436	CAMO-19-174834	GELC
R-61 S1	1125.0	04/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	—	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1436	CAMO-19-174834	GELC
R-61 S1	1125.0	04/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.9	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-1436	CAMO-19-174834	GELC
R-61 S1	1125.0	04/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	—	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-1436	CAMO-19-174834	GELC
R-61 S1	1125.0	04/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.8	—	—	15.3*[f]	mg/L	—	0.1	Y	N	NQ	N3B-2019-1436	CAMO-19-174834	GELC
R-61 S1	1125.0	04/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	162.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-1436	CAMO-19-174834	GELC
R-61 S1	1125.0	04/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	53.2	—	—	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1436	CAMO-19-174834	GELC
R-61 S1	1125.0	04/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.93	—	—	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-1436	CAMO-19-174834	GELC
R-61 S1	1125.0	04/19/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1436	CAMO-19-174833	GELC
R-61 S1	1125.0	04/19/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1436	CAMO-19-174834	GELC
R-61 S1	1125.0	04/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	—	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-1436	CAMO-19-174834	GELC
R-61 S1	1125.0	04/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	4.84	—	—	13*[f]	µg/L	—	2.5	Y	J	J	N3B-2019-1436	CAMO-19-174834	GELC
R-61 S1	1125.0	04/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	176.0	—	—	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-1436	CAMO-19-174834	GELC
R-61 S1	1125.0	04/19/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.165*[f]	mg/L	—	0.033	Y	U	U	N3B-2019-1436	CAMO-19-174833	GELC
R-61 S1	1125.0	04/19/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2019-1436	CAMO-19-174833	GELC
R-61 S1	1125.0	04/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.39	—	—	0.0822*[f]	mg/L	—	0.02	Y	—	NQ	N3B-2019-1436	CAMO-19-174834	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-61 S1	1125.0	04/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.209	—	—	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-1436	CAMO-19-174834	GELC
R-61 S1	1125.0	04/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.01	—	—	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1436	CAMO-19-174834	GELC
R-61 S1	1125.0	04/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	7.32	—	—	14.4*[f]	µg/L	—	3.3	Y	J	U	N3B-2019-1436	CAMO-19-174834	GELC
R-61 S1	1125.0	03/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.62	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-1235	CAMO-19-167714	GELC
R-61 S1	1125.0	03/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-1235	CAMO-19-167714	GELC
R-61 S1	1125.0	03/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	54.8	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-1235	CAMO-19-167714	GELC
R-61 S1	1125.0	03/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	—	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-1235	CAMO-19-167714	GELC
R-61 S1	1125.0	03/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0474	—	—	0.1*[f]	mg/L	—	0.017	Y	J	U	N3B-2019-1235	CAMO-19-167714	GELC
R-61 S1	1125.0	03/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1235	CAMO-19-167714	GELC
R-61 S1	1125.0	03/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	2.0	—	—	2.7*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1235	CAMO-19-167714	GELC
R-61 S1	1125.0	03/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	20.2	—	—	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1235	CAMO-19-167714	GELC
R-61 S1	1125.0	03/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1235	CAMO-19-167714	GELC
R-61 S1	1125.0	03/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	—	18.7*[f]	µg/L	—	15.0	Y	U	U	N3B-2019-1235	CAMO-19-167714	GELC
R-61 S1	1125.0	03/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-1235	CAMO-19-167714	GELC
R-61 S1	1125.0	03/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	—	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-1235	CAMO-19-167714	GELC
R-61 S1	1125.0	03/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.0	—	—	14.5*[f]	mg/L	—	0.05	Y	E	NQ	N3B-2019-1235	CAMO-19-167714	GELC
R-61 S1	1125.0	03/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.3	—	—	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-1235	CAMO-19-167714	GELC
R-61 S1	1125.0	03/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	21.6	—	—	6.6*[f]	µg/L	—	3.0	Y	—	NQ	N3B-2019-1235	CAMO-19-167714	GELC
R-61 S1	1125.0	03/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1235	CAMO-19-167714	GELC
R-61 S1	1125.0	03/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	—	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-1235	CAMO-19-167714	GELC
R-61 S1	1125.0	03/22/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-1235	CAMO-19-167715	GELC
R-61 S1	1125.0	03/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.195	—	—	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-1235	CAMO-19-167714	GELC
R-61 S1	1125.0	03/22/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	43.8	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-1235	CAMO-19-167714	GELC
R-61 S1	1125.0	03/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	—	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-1235	CAMO-19-167714	GELC
R-61 S1	1125.0	03/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	—	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-1235	CAMO-19-167714	GELC
R-61 S1	1125.0	03/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.97	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-1235	CAMO-19-167714	GELC
R-61 S1	1125.0	03/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	2.19	—	—	12.1*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-1235	CAMO-19-167714	GELC
R-61 S1	1125.0	03/22/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-1235	CAMO-19-167714	GELC
R-61 S1	1125.0	03/22/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-1235	CAMO-19-167715	GELC
R-61 S1	1125.0	03/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.54	—	—	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-1235	CAMO-19-167714	GELC
R-61 S1	1125.0	03/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.6	—	—	2.75*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-1235	CAMO-19-167714	GELC
R-61 S1	1125.0	03/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.54	—	—	0.748*[f]	mg/L	—	0.17	Y	—	NQ	N3B-2019-1235	CAMO-19-167714	GELC
R-61 S1	1125.0	03/22/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	12.4	—	—	0.412*[f]	µg/L	—	0.5	Y	—	NQ	N3B-2019-1235	CAMO-19-167714	GELC
R-61 S1	1125.0	03/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	4.41	—	—	2.357*[f]	mg/L	—	0.05	Y	E	NQ	N3B-2019-1235	CAMO-19-167714	GELC
R-61 S1	1125.0	03/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	—	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1235	CAMO-19-167714	GELC
R-61 S1	1125.0	03/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.1	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-1235	CAMO-19-167714	GELC
R-61 S1	1125.0	03/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	—	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-1235	CAMO-19-167714	GELC
R-61 S1	1125.0	03/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.7	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-1235	CAMO-19-167714	GELC
R-61 S1	1125.0	03/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	150.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-1235	CAMO-19-167714	GELC
R-61 S1	1125.0	03/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	52.2	—	—	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1235	CAMO-19-167714	GELC
R-61 S1	1125.0	03/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.98	—	—	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-1235	CAMO-19-167714	GELC
R-61 S1	1125.0	03/22/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1235	CAMO-19-167714	GELC
R-61 S1	1125.0	03/22/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1235	CAMO-19-167715	GELC
R-61 S1	1125.0	03/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	—	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-1235	CAMO-19-167714	GELC
R-61 S1	1125.0	03/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2019-1235	CAMO-19-167714	GELC
R-61 S1	1125.0	03/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	163.0	—	—	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-1235	CAMO-19-167714	GELC
R-61 S1	1125.0	03/22/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0677	—	—	0.165*[f]	mg/L	—	0.033	Y	J	J	N3B-2019-1235	CAMO-19-167715	GELC
R-61 S1	1125.0	03/22/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2019-1235	CAMO-19-167715	GELC
R-61 S1	1125.0	03/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.377	—	—	0.0822*[f]	mg/L	—	0.02	Y	—	J+	N3B-2019-1235	CAMO-19-167714	GELC
R-61 S1	1125.0	03/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.209	—	—	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-1235	CAMO-19-167714	GELC
R-61 S1	1125.0	03/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.76	—	—	10.7*[f]	µg/L	—	1.0	Y	J	J	N3B-2019-1235	CAMO-19-167714	GELC
R-61 S1	1125.0	03/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	14.4*[f]	µg/L	—	3.3	Y	U	U	N3B-2019-1235	CAMO-19-167714	GELC
R-61 S1	1125.0	02/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.6	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-947	CAMO-19-166467	GELC
R-61 S1	1125.0	02/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-947	CAMO-19-166467	GELC
R-61 S1	1125.0	02/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	55.2	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-947	CAMO-19-166467	GELC
R-61 S1	1125.0	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	—	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-947	CAMO-19-166467	GELC
R-61 S1	1125.0	02/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.14	—	—	0.1*[f]	mg/L	—	0.017	Y	—	U	N3B-2019-947	CAMO-19-166467	GELC
R-61 S1	1125.0	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-947	CAMO-19-166467	GELC
R-61 S1	1125.0	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	2.0	—	—	2.7*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-947	CAMO-19-166467	GELC
R-61 S1	1125.0	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	20.8	—	—	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-947	CAMO-19-166467	GELC
R-61 S1	1125.0	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-947	CAMO-19-166467	GELC
R-61 S1	1125.0	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	—	18.7*[f]	µg/L	—	15.0	Y	U	U	N3B-2019-947	CAMO-19-166467	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-61 S1	1125.0	02/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-947	CAMO-19-166467	GELC
R-61 S1	1125.0	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	—	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-947	CAMO-19-166467	GELC
R-61 S1	1125.0	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.1	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-947	CAMO-19-166467	GELC
R-61 S1	1125.0	02/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.58	—	—	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-947	CAMO-19-166467	GELC
R-61 S1	1125.0	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	20.5	—	—	6.6*[f]	µg/L	—	3.0	Y	—	NQ	N3B-2019-947	CAMO-19-166467	GELC
R-61 S1	1125.0	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-947	CAMO-19-166467	GELC
R-61 S1	1125.0	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	—	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-947	CAMO-19-166467	GELC
R-61 S1	1125.0	02/21/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-947	CAMO-19-166468	GELC
R-61 S1	1125.0	02/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.356	—	—	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-947	CAMO-19-166467	GELC
R-61 S1	1125.0	02/21/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	46.9	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-947	CAMO-19-166467	GELC
R-61 S1	1125.0	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	—	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-947	CAMO-19-166467	GELC
R-61 S1	1125.0	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	—	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-947	CAMO-19-166467	GELC
R-61 S1	1125.0	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.06	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-947	CAMO-19-166467	GELC
R-61 S1	1125.0	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	2.6	—	—	12.1*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-947	CAMO-19-166467	GELC
R-61 S1	1125.0	02/21/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-947	CAMO-19-166467	GELC
R-61 S1	1125.0	02/21/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-947	CAMO-19-166468	GELC
R-61 S1	1125.0	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.42	—	—	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-947	CAMO-19-166467	GELC
R-61 S1	1125.0	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.6	—	—	2.75*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-947	CAMO-19-166467	GELC
R-61 S1	1125.0	02/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.23	—	—	0.748*[f]	mg/L	—	0.085	Y	—	NQ	N3B-2019-947	CAMO-19-166467	GELC
R-61 S1	1125.0	02/21/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	13.3	—	—	0.412*[f]	µg/L	—	0.5	Y	—	NQ	N3B-2019-947	CAMO-19-166467	GELC
R-61 S1	1125.0	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	4.64	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-947	CAMO-19-166467	GELC
R-61 S1	1125.0	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	—	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-947	CAMO-19-166467	GELC
R-61 S1	1125.0	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.2	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-947	CAMO-19-166467	GELC
R-61 S1	1125.0	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	—	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-947	CAMO-19-166467	GELC
R-61 S1	1125.0	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.9	—	—	15.3*[f]	mg/L	—	0.1	Y	—	J+	N3B-2019-947	CAMO-19-166467	GELC
R-61 S1	1125.0	02/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	150.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-947	CAMO-19-166467	GELC
R-61 S1	1125.0	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	53.6	—	—	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-947	CAMO-19-166467	GELC
R-61 S1	1125.0	02/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.46	—	—	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-947	CAMO-19-166467	GELC
R-61 S1	1125.0	02/21/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-947	CAMO-19-166467	GELC
R-61 S1	1125.0	02/21/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-947	CAMO-19-166468	GELC
R-61 S1	1125.0	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	—	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-947	CAMO-19-166467	GELC
R-61 S1	1125.0	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2019-947	CAMO-19-166467	GELC
R-61 S1	1125.0	02/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	151.0	—	—	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-947	CAMO-19-166467	GELC
R-61 S1	1125.0	02/21/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.165*[f]	mg/L	—	0.033	Y	U	U	N3B-2019-947	CAMO-19-166468	GELC
R-61 S1	1125.0	02/21/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.37	—	—	0.982*[f]	mg/L	—	0.33	Y	J	J	N3B-2019-947	CAMO-19-166468	GELC
R-61 S1	1125.0	02/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.419	—	—	0.0822*[f]	mg/L	—	0.02	Y	—	J+	N3B-2019-947	CAMO-19-166467	GELC
R-61 S1	1125.0	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.182	—	—	1.06*[f]	µg/L	—	0.067	Y	J	J	N3B-2019-947	CAMO-19-166467	GELC
R-61 S1	1125.0	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.91	—	—	10.7*[f]	µg/L	—	1.0	Y	J	J	N3B-2019-947	CAMO-19-166467	GELC
R-61 S1	1125.0	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	14.4*[f]	µg/L	—	3.3	Y	U	U	N3B-2019-947	CAMO-19-166467	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.6	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-733	CAMO-19-165990	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.53	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-733	CAMO-19-165992	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-733	CAMO-19-165990	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-733	CAMO-19-165992	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	54.0	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-733	CAMO-19-165990	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	53.6	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-733	CAMO-19-165992	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-733	CAMO-19-165990	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-733	CAMO-19-165992	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.1*[f]	mg/L	—	0.017	Y	U	U	N3B-2019-733	CAMO-19-165990	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.135	—	—	0.1*[f]	mg/L	—	0.017	Y	—	J+	N3B-2019-733	CAMO-19-165992	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-733	CAMO-19-165990	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-733	CAMO-19-165992	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.6	—	10	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-733	CAMO-19-165990	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	N	2.0	—	10	2.7*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-733	CAMO-19-165992	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	20.9	—	2000	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-733	CAMO-19-165990	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	21.6	—	2000	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-733	CAMO-19-165992	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-733	CAMO-19-165990	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-733	CAMO-19-165992	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	750	18.7*[f]	µg/L	—	15.0	Y	U	U	N3B-2019-733	CAMO-19-165990	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	750	18.7*[f]	µg/L	—	15.0	Y	U	U	N3B-2019-733	CAMO-19-165992	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-733	CAMO-19-165990	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-733	CAMO-19-165992	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-733	CAMO-19-165990	GELC

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Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-61 S1	1125.0	01/08/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-733	CAMO-19-165992	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.7	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-733	CAMO-19-165990	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.7	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-733	CAMO-19-165992	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.18	—	250	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-733	CAMO-19-165990	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.17	—	250	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-733	CAMO-19-165992	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	20.6	—	50	6.6*[f]	µg/L	—	3.0	Y	—	NQ	N3B-2019-733	CAMO-19-165990	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	20.2	—	50	6.6*[f]	µg/L	—	3.0	Y	—	NQ	N3B-2019-733	CAMO-19-165992	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-733	CAMO-19-165990	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-733	CAMO-19-165992	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-733	CAMO-19-165990	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-733	CAMO-19-165992	GELC
R-61 S1	1125.0	01/08/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-733	CAMO-19-165991	GELC
R-61 S1	1125.0	01/08/2019	WG	UF	INIT	FD	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-733	CAMO-19-165993	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.267	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-733	CAMO-19-165990	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.328	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-733	CAMO-19-165992	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	45.4	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-733	CAMO-19-165990	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	45.4	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-733	CAMO-19-165992	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-733	CAMO-19-165990	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-733	CAMO-19-165992	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-733	CAMO-19-165990	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-733	CAMO-19-165992	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.93	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-733	CAMO-19-165990	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.94	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-733	CAMO-19-165992	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	2.73	—	200	12.1*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-733	CAMO-19-165990	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Manganese	Mn	Y	2.84	—	200	12.1*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-733	CAMO-19-165992	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-733	CAMO-19-165990	GELC
R-61 S1	1125.0	01/08/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-733	CAMO-19-165991	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	FD	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-733	CAMO-19-165992	GELC
R-61 S1	1125.0	01/08/2019	WG	UF	INIT	FD	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-733	CAMO-19-165993	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.45	—	1000	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-733	CAMO-19-165990	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.4	—	1000	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-733	CAMO-19-165992	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.6	—	200	2.75*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-733	CAMO-19-165990	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	N	0.6	—	200	2.75*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-733	CAMO-19-165992	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.32	—	10	0.748*[f]	mg/L	—	0.085	Y	—	NQ	N3B-2019-733	CAMO-19-165990	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.46	—	10	0.748*[f]	mg/L	—	0.085	Y	—	NQ	N3B-2019-733	CAMO-19-165992	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	15.7	—	13.8	0.412*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-733	CAMO-19-165990	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	15.7	—	13.8	0.412*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-733	CAMO-19-165992	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	4.41	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-733	CAMO-19-165990	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	4.37	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-733	CAMO-19-165992	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-733	CAMO-19-165990	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-733	CAMO-19-165992	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.0	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-733	CAMO-19-165990	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.0	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-733	CAMO-19-165992	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-733	CAMO-19-165990	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-733	CAMO-19-165992	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.6	—	—	15.3*[f]	mg/L	—	0.1	Y	—	J+	N3B-2019-733	CAMO-19-165990	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.5	—	—	15.3*[f]	mg/L	—	0.1	Y	—	J+	N3B-2019-733	CAMO-19-165992	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	151.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-733	CAMO-19-165990	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	149.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-733	CAMO-19-165992	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	51.7	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-733	CAMO-19-165990	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	51.4	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-733	CAMO-19-165992	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.85	—	600	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-733	CAMO-19-165990	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.72	—	600	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-733	CAMO-19-165992	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-733	CAMO-19-165990	GELC
R-61 S1	1125.0	01/08/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-733	CAMO-19-165991	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-733	CAMO-19-165992	GELC
R-61 S1	1125.0	01/08/2019	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-733	CAMO-19-165993	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-733	CAMO-19-165990	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-733	CAMO-19-165992	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	3.11	—	12000	13*[f]	µg/L	—	2.5	Y	J	U	N3B-2019-733	CAMO-19-165990	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	12000	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2019-733	CAMO-19-165992	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	1510.0	—	1000	159*[f]	mg/L	—	3.4	N	—	J	N3B-2019-733	CAMO-19-165990	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-61 S1	1125.0	01/08/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	397.0	—	1000	159*[f]	mg/L	—	3.4	N	—	J+	N3B-2019-733	CAMO-19-165992	GELC
R-61 S1	1125.0	01/08/2019	WG	F	RE	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	141.0	—	1000	159*[f]	mg/L	—	3.4	Y	H	NQ	N3B-2019-733	CAMO-19-165990	GELC
R-61 S1	1125.0	01/08/2019	WG	F	RE	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	139.0	—	1000	159*[f]	mg/L	—	3.4	Y	H	NQ	N3B-2019-733	CAMO-19-165992	GELC
R-61 S1	1125.0	01/08/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.165*[f]	mg/L	—	0.033	Y	U	U	N3B-2019-733	CAMO-19-165991	GELC
R-61 S1	1125.0	01/08/2019	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0427	—	—	0.165*[f]	mg/L	—	0.033	Y	J	J	N3B-2019-733	CAMO-19-165993	GELC
R-61 S1	1125.0	01/08/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2019-733	CAMO-19-165991	GELC
R-61 S1	1125.0	01/08/2019	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2019-733	CAMO-19-165993	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.44	—	—	0.0822*[f]	mg/L	—	0.02	Y	—	NQ	N3B-2019-733	CAMO-19-165990	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.416	—	—	0.0822*[f]	mg/L	—	0.02	Y	—	NQ	N3B-2019-733	CAMO-19-165992	GELC
R-61 S1	1125.0	01/08/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	74.691	11.344	20000	2.06*[f]	pCi/L	2.984	—	Y	—	NQ	N3B-2019-773	CAMO-19-165991	ARSL
R-61 S1	1125.0	01/08/2019	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	80.475	12.233	20000	2.06*[f]	pCi/L	3.399	—	Y	—	NQ	N3B-2019-773	CAMO-19-165993	ARSL
R-61 S1	1125.0	01/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.189	—	30	1.06*[f]	µg/L	—	0.067	Y	J	J	N3B-2019-733	CAMO-19-165990	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.185	—	30	1.06*[f]	µg/L	—	0.067	Y	J	J	N3B-2019-733	CAMO-19-165992	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.22	—	63.1	10.7*[f]	µg/L	—	1.0	Y	J	J	N3B-2019-733	CAMO-19-165990	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.65	—	63.1	10.7*[f]	µg/L	—	1.0	Y	J	J	N3B-2019-733	CAMO-19-165992	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	10000	14.4*[f]	µg/L	—	3.3	Y	U	U	N3B-2019-733	CAMO-19-165990	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	10000	14.4*[f]	µg/L	—	3.3	Y	U	U	N3B-2019-733	CAMO-19-165992	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.317	—	535	—	µg/L	—	0.317	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.317	—	—	—	µg/L	—	0.317	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	2.48	—	14100	—	µg/L	—	1.5	Y	J	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.62	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	3.58	—	—	—	mg/L	—	1.45	Y	J	J	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66.2	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.017	0.0111	—	0.0167*[f]	pCi/L	0.0487	—	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0278	—	—	0.1*[f]	mg/L	—	0.017	Y	J	U	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.43	—	130	—	µg/L	—	4.43	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.317	—	1720	—	µg/L	—	0.317	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.36	—	10	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	3.17	—	3	—	µg/L	—	3.17	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Azobenzene	103-33-3	N	3.17	—	1.2	—	µg/L	—	3.17	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	43.8	—	2000	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	4.12	—	0.00109	—	µg/L	—	4.12	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.317	—	0.12	—	µg/L	—	0.317	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.317	—	0.2	—	µg/L	—	0.317	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.317	—	0.343	—	µg/L	—	0.317	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.317	—	—	—	µg/L	—	0.317	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.317	—	3.43	—	µg/L	—	0.317	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.33	—	75000	—	µg/L	—	6.33	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	3.17	—	2000	—	µg/L	—	3.17	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	3.17	—	59	—	µg/L	—	3.17	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	3.17	—	0.137	—	µg/L	—	3.17	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.317	—	6	—	µg/L	—	0.317	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	750	18.7*[f]	µg/L	—	15.0	Y	U	U	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.154	—	—	0.067*[f]	mg/L	—	0.067	Y	J	J	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	1.34	—	µg/L	—	0.3	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	3.17	—	—	—	µg/L	—	3.17	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.317	—	160	—	µg/L	—	0.317	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	28.4	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.36	2.44	—	2.93*[f]	pCi/L	4.31	—	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	18.0	—	250	2.61*[f]	mg/L	—	0.335	Y	—	NQ	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	3.17	—	1400	—	µg/L	—	3.17	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.48	—	3.7	—	µg/L	—	3.48	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	1.68	—	µg/L	—	0.3	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.433	—	733	—	µg/L	—	0.433	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	3.17	—	91	—	µg/L	—	3.17	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.17	—	—	—	µg/L	—	3.17	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	287.0	—	50	6.6*[f]	µg/L	—	3.0	Y	—	NQ	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.317	—	34.3	—	µg/L	—	0.317	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.457	1.17	—	2.65*[f]	pCi/L	4.84	—	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.0045	—	200	0.0017*[f]	mg/L	—	0.00167	Y	J	J	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.317	—	0.0343	—	µg/L	—	0.317	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	3.17	—	7.9	—	µg/L	—	3.17	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	3.17	—	600	—	µg/L	—	3.17	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.17	—	—	—	µg/L	—	3.17	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	3.17	—	75	—	µg/L	—	3.17	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	3.17	—	1.25	—	µg/L	—	3.17	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	3.17	—	45.3	—	µg/L	—	3.17	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.317	—	14800	—	µg/L	—	0.317	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.317	—	612	—	µg/L	—	0.317	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	3.17	—	354	—	µg/L	—	3.17	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.317	—	885	—	µg/L	—	0.317	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.17	—	1.52	—	µg/L	—	3.17	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	5.28	—	38.7	—	µg/L	—	5.28	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	3.17	—	2.37	—	µg/L	—	3.17	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	3.17	—	0.485	—	µg/L	—	3.17	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.317	—	200	—	µg/L	—	0.317	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	3.17	—	7	—	µg/L	—	3.17	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	Y	0.454	—	4.59	—	µg/L	—	0.1	Y	—	NQ	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.17	—	4.59	—	µg/L	—	3.17	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	3.17	—	122	—	µg/L	—	3.17	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.317	—	802	—	µg/L	—	0.317	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.317	—	288	—	µg/L	—	0.317	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.258	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.227	0.727	15	2.012*[f]	pCi/L	2.92	—	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.98	0.816	—	3.81*[f]	pCi/L	2.23	—	Y	—	NQ	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	104.0	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	3.17	—	1	—	µg/L	—	3.17	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	3.17	—	1.39	—	µg/L	—	3.17	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	3.17	—	50	—	µg/L	—	3.17	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	3.17	—	3.28	—	µg/L	—	3.17	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.317	—	0.343	—	µg/L	—	0.317	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.7	—	781	—	µg/L	—	3.7	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	7.94	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.317	—	11.4	—	µg/L	—	0.317	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.317	—	35.1	—	µg/L	—	0.317	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	3.17	—	930	—	µg/L	—	3.17	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.91	—	1900	—	µg/L	—	3.91	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	0.6	—	1000	2.37*[f]	µg/L	—	0.2	Y	J	J	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.317	—	1.65	—	µg/L	—	0.317	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.749	2.51	—	4.72*[f]	pCi/L	8.19	—	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	5.98	—	200	2.75*[f]	µg/L	—	0.6	Y	—	NQ	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.08	—	10	0.748*[f]	mg/L	—	0.085	Y	—	NQ	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	3.17	—	190	—	µg/L	—	3.17	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	3.17	—	—	—	µg/L	—	3.17	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	3.17	—	38	—	µg/L	—	3.17	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	3.17	—	1.4	—	µg/L	—	3.17	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	3.17	—	—	—	µg/L	—	3.17	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	3.17	—	—	—	µg/L	—	3.17	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	—	0.00167	—	µg/L	—	0.00018	Y	U	U	N3B-2020-303	CAMO-20-189183	SwRI
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.17	—	0.00167	—	µg/L	—	3.17	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00036	—	0.00491	—	µg/L	—	0.00036	Y	U	U	N3B-2020-303	CAMO-20-189183	SwRI
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.17	—	0.00491	—	µg/L	—	3.17	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.00047	—	0.0273	—	µg/L	—	0.00047	Y	U	U	N3B-2020-303	CAMO-20-189183	SwRI
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.17	—	0.0273	—	µg/L	—	3.17	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	—	0.11	—	µg/L	—	0.00018	Y	U	U	N3B-2020-303	CAMO-20-189183	SwRI
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.17	—	0.11	—	µg/L	—	3.17	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	—	0.37	—	µg/L	—	0.00033	Y	U	U	N3B-2020-303	CAMO-20-189183	SwRI
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	3.17	—	0.37	—	µg/L	—	3.17	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.17	—	9.81	—	µg/L	—	3.17	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	3.17	—	3.07	—	µg/L	—	3.17	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	3.17	—	1	—	µg/L	—	3.17	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.903	—	13.8	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.585	—	70	—	ng/L	—	0.585	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.709	—	70	—	ng/L	—	0.709	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.709	—	70	—	ng/L	—	0.709	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.317	—	170	—	µg/L	—	0.317	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	3.17	—	5	—	µg/L	—	3.17	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.016	0.0131	—	0.00994*[f]	pCi/L	0.0484	—	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.008	0.0122	—	0.0171*[f]	pCi/L	0.047	—	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.42	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	1.77	15.6	—	35.6*[f]	pCi/L	45.5	—	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	RE	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.17	—	250	2.06*[f]	µg/L	—	3.17	Y	UH	UJ	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.317	—	117	—	µg/L	—	0.317	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	3.17	—	20	—	µg/L	—	3.17	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.0948	0.0821	5	—	pCi/L	0.292	—	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.354	0.182	5	—	pCi/L	—	—	Y	—	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.259	0.163	5	—	pCi/L	0.54	—	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	62.8	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.6	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.832	1.6	—	1.93*[f]	pCi/L	5.77	—	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	263.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	121.0	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.314	0.128	8	0.355*[f]	pCi/L	0.492	—	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	31.1	—	600	4.51*[f]	mg/L	—	0.665	Y	—	NQ	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	11/12/2019	WG	UF	RE	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.17	—	20	2.06*[f]	µg/L	—	3.17	Y	UH	UJ	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.17	—	1.66	—	µg/L	—	3.17	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.17	—	240	—	µg/L	—	3.17	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	25.0	—	12000	13*[f]	µg/L	—	25.0	Y	U	U	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	186.0	—	1000	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0918	—	—	0.165*[f]	mg/L	—	0.033	Y	J	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.53	—	—	0.982*[f]	mg/L	—	0.33	Y	J	J	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Total PFAS	PFAS-Tot-3a	N	0.0	—	70	—	ng/L	—	1.77	—	U	—	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0284	—	—	0.0822*[f]	mg/L	—	0.02	Y	J	U	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	3.17	—	70	—	µg/L	—	3.17	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	3.17	—	1170	—	µg/L	—	3.17	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	3.17	—	11.9	—	µg/L	—	3.17	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	59.776	9.125	20000	2.06*[f]	pCi/L	3.145	—	Y	—	NQ	N3B-2020-333	CAMO-20-189183	ARSL
R-62	1158.4	11/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.929	—	30	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.608	0.0451	27.2	0.653*[f]	pCi/L	0.0656	—	Y	—	NQ	N3B-2020-305	CAMO-20-189183	GELC

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Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0287	0.0125	28.8	0.0423*[f]	pCi/L	0.047	—	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.316	0.0333	30	0.322*[f]	pCi/L	0.0768	—	Y	—	NQ	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.58	—	63.1	10.7*[f]	µg/L	—	1.0	Y	J	J	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	5.85	—	10000	14.4*[f]	µg/L	—	3.3	Y	J	U	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.64	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	5.17	—	—	—	mg/L	—	1.45	Y	—	NQ	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.2	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0538	—	—	0.1*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	2.0	—	10	2.7*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	39.7	—	2000	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	750	18.7*[f]	µg/L	—	15.0	Y	U	U	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.154	—	—	0.067*[f]	mg/L	—	0.067	Y	J	J	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	26.2	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	16.6	—	250	2.61*[f]	mg/L	—	0.335	Y	—	NQ	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	270.0	—	50	6.6*[f]	µg/L	—	3.0	Y	—	NQ	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	07/26/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00239	—	200	0.0017*[f]	mg/L	—	0.00167	Y	J	J	N3B-2019-2670	CAMO-19-181869	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.306	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	95.4	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	7.28	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	07/26/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-2670	CAMO-19-181869	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	0.861	—	1000	2.37*[f]	µg/L	—	0.2	Y	J	U	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	5.11	—	200	2.75*[f]	µg/L	—	0.6	Y	—	NQ	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.02	—	10	0.748*[f]	mg/L	—	0.085	Y	—	NQ	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.87	—	13.8	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.34	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	63.0	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.0	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	261.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	112.0	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	28.7	—	600	4.51*[f]	mg/L	—	0.665	Y	—	NQ	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	07/26/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2670	CAMO-19-181869	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	12000	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	236.0	—	1000	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	07/26/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0509	—	—	0.165*[f]	mg/L	—	0.033	Y	J	J	N3B-2019-2670	CAMO-19-181869	GELC
R-62	1158.4	07/26/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	J	J	N3B-2019-2670	CAMO-19-181869	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.131	—	—	0.0822*[f]	mg/L	—	0.02	Y	—	NQ	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.846	—	30	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.93	—	63.1	10.7*[f]	µg/L	—	1.0	Y	J	J	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	5.9	—	10000	14.4*[f]	µg/L	—	3.3	Y	J	U	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.61	—	—	—	SU	—	0.01	Y	H	J-	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	UH	U	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.6	—	—	69.92*[f]	mg/L	—	1.45	Y	H	NQ	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.11	—	—	0.1*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2019-2011	CAMO-19-175173	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-62	1158.4	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.52	—	10	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	39.6	—	2000	37.4*[f]	µg/L	—	1.0	Y	*	NQ	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	750	18.7*[f]	µg/L	—	15.0	Y	U	U	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.156	—	—	0.067*[f]	mg/L	—	0.067	Y	J	J	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	27.4	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	18.8	—	250	2.61*[f]	mg/L	—	0.335	Y	H	J-	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	284.0	—	50	6.6*[f]	µg/L	—	3.0	Y	—	NQ	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	05/14/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00359	—	200	0.0017*[f]	mg/L	—	0.00167	Y	J	J	N3B-2019-1916	CAMO-19-175174	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.197	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	98.8	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	7.36	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	05/14/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-2011	CAMO-19-175174	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.451	—	1000	2.37*[f]	µg/L	—	0.2	Y	J	J	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	5.63	—	200	2.75*[f]	µg/L	—	0.6	Y	—	NQ	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.25	—	10	0.748*[f]	mg/L	—	0.085	Y	—	NQ	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.871	—	13.8	0.412*[f]	µg/L	—	0.05	Y	H	NQ	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.4	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	60.6	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.4	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	283.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	120.0	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	33.0	—	600	4.51*[f]	mg/L	—	0.665	Y	H	J-	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	05/14/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1916	CAMO-19-175174	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	21.7	—	12000	13*[f]	µg/L	—	2.5	Y	—	J+	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	271.0	—	1000	159*[f]	mg/L	—	3.4	Y	H	NQ	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	05/14/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.145	—	—	0.165*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-2011	CAMO-19-175174	GELC
R-62	1158.4	05/14/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	UH	U	N3B-2019-2011	CAMO-19-175174	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0298	—	—	0.0822*[f]	mg/L	—	0.02	Y	J	J	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.81	—	30	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.4	—	63.1	10.7*[f]	µg/L	—	1.0	Y	J	J	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	10000	14.4*[f]	µg/L	—	3.3	Y	U	U	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.54	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	4.0	—	—	—	mg/L	—	1.45	Y	—	NQ	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.0	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.113	—	—	0.1*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.3	—	10	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	40.6	—	2000	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	750	18.7*[f]	µg/L	—	15.0	Y	U	U	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.202	—	—	0.067*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	25.6	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	17.6	—	250	2.61*[f]	mg/L	—	0.335	Y	—	NQ	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	311.0	—	50	6.6*[f]	µg/L	—	3.0	Y	—	NQ	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	01/23/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00172	—	200	0.0017*[f]	mg/L	—	0.00167	Y	J	J	N3B-2019-806	CAMO-19-165971	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-62	1158.4	01/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.11	—	1.6	0.382*f	mg/L	—	0.033	Y	—	NQ	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	94.5	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*f	µg/L	—	30.0	Y	U	U	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	15	0.5*f	µg/L	—	0.5	Y	U	U	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	7.44	—	—	4.11*f	mg/L	—	0.11	Y	—	NQ	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*f	µg/L	—	2.0	Y	U	U	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*f	µg/L	—	0.067	Y	U	U	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	01/23/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*f	µg/L	—	0.067	Y	U	U	N3B-2019-806	CAMO-19-165971	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.611	—	1000	2.37*f	µg/L	—	0.2	Y	—	NQ	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	6.04	—	200	2.75*f	µg/L	—	0.6	Y	—	NQ	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.23	—	10	0.748*f	mg/L	—	0.085	Y	—	J+	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.85	—	13.8	0.412*f	µg/L	—	0.05	Y	—	NQ	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.47	—	—	2.357*f	mg/L	—	0.05	Y	—	J+	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	50	1.5*f	µg/L	—	2.0	Y	U	U	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	63.9	—	—	80.7*f	mg/L	—	0.053	Y	—	NQ	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	50	0.2*f	µg/L	—	0.3	Y	U	U	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.8	—	—	15.3*f	mg/L	—	0.1	Y	—	NQ	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	288.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	114.0	—	11800	74.4*f	µg/L	—	1.0	Y	—	NQ	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	30.2	—	600	4.51*f	mg/L	—	0.665	Y	—	NQ	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	01/23/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-806	CAMO-19-165971	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	2	0.45*f	µg/L	—	0.6	Y	U	U	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	17.8	—	12000	13*f	µg/L	—	2.5	Y	—	NQ	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	220.0	—	1000	159*f	mg/L	—	3.4	Y	—	NQ	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	01/23/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0412	—	—	0.165*f	mg/L	—	0.033	Y	J	J	N3B-2019-806	CAMO-19-165971	GELC
R-62	1158.4	01/23/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.982*f	mg/L	—	0.33	Y	U	U	N3B-2019-806	CAMO-19-165971	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.043	—	—	0.0822*f	mg/L	—	0.02	Y	J	U	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.86	—	30	1.06*f	µg/L	—	0.067	Y	—	J+	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.04	—	63.1	10.7*f	µg/L	—	1.0	Y	J	J	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	5.49	—	10000	14.4*f	µg/L	—	3.3	Y	J	J	N3B-2019-806	CAMO-19-165970	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.3	—	535	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	14100	—	µg/L	—	1.5	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.21	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	81.7	—	—	69.92*f	mg/L	—	1.45	Y	—	NQ	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*f	µg/L	—	68.0	Y	U	U	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0173	0.00636	—	0.0167*f	pCi/L	0.0384	—	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.1*f	mg/L	—	0.017	Y	U	U	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.2	—	130	—	µg/L	—	4.2	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.3	—	1720	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1.0	—	6	1*f	µg/L	—	1.0	Y	U	U	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	N	2.0	—	10	2.7*f	µg/L	—	2.0	Y	U	U	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	3.0	—	3	—	µg/L	—	3.0	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Azobenzene	103-33-3	N	3.0	—	1.2	—	µg/L	—	3.0	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	15.7	—	2000	37.4*f	µg/L	—	1.0	Y	—	NQ	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	3.9	—	0.00109	—	µg/L	—	3.9	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.3	—	0.12	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.3	—	0.2	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.3	—	0.343	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.3	—	3.43	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.0	—	75000	—	µg/L	—	6.0	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	3.0	—	2000	—	µg/L	—	3.0	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*f	µg/L	—	1.0	Y	U	U	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	3.0	—	59	—	µg/L	—	3.0	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	3.0	—	0.137	—	µg/L	—	3.0	Y	U	U	N3B-2020-275	CASA-20-189235	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.61	—	6	—	µg/L	—	0.3	Y	BJ	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	750	18.7*[f]	µg/L	—	15.0	Y	U	U	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	1.34	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.3	—	160	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	15.2	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.0227	1.15	—	2.93*[f]	pCi/L	4.3	—	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.37	—	250	2.61*[f]	mg/L	—	0.067	Y	—	J+	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	3.0	—	1400	—	µg/L	—	3.0	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.3	—	3.7	—	µg/L	—	3.3	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	1.68	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.41	—	733	—	µg/L	—	0.41	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	3.0	—	91	—	µg/L	—	3.0	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	7.5	—	50	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.3	—	34.3	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.279	1.5	—	2.65*[f]	pCi/L	5.68	—	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.3	—	0.0343	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	3.0	—	7.9	—	µg/L	—	3.0	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	3.0	—	600	—	µg/L	—	3.0	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	3.0	—	75	—	µg/L	—	3.0	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	3.0	—	1.25	—	µg/L	—	3.0	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	3.0	—	45.3	—	µg/L	—	3.0	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189235	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.3	—	14800	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.3	—	612	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	3.0	—	354	—	µg/L	—	3.0	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.3	—	885	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.0	—	1.52	—	µg/L	—	3.0	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	5.0	—	38.7	—	µg/L	—	5.0	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	3.0	—	2.37	—	µg/L	—	3.0	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	3.0	—	0.485	—	µg/L	—	3.0	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	3.0	—	7	—	µg/L	—	3.0	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.0	—	4.59	—	µg/L	—	3.0	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	—	4.59	—	µg/L	—	0.1	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	3.0	—	122	—	µg/L	—	3.0	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.3	—	802	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.3	—	288	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.313	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.28	0.987	15	2.012*[f]	pCi/L	2.73	—	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.22	0.693	—	3.81*[f]	pCi/L	2.16	—	Y	—	NQ	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	60.5	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	3.0	—	1	—	µg/L	—	3.0	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	3.0	—	1.39	—	µg/L	—	3.0	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	3.0	—	50	—	µg/L	—	3.0	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	3.0	—	3.28	—	µg/L	—	3.0	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.3	—	0.343	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.5	—	781	—	µg/L	—	3.5	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.47	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.115	—	2	0.067*[f]	µg/L	—	0.067	Y	J	U	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.099	—	2	0.067*[f]	µg/L	—	0.067	Y	J	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.3	—	11.4	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.3	—	35.1	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	3.0	—	930	—	µg/L	—	3.0	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.7	—	1900	—	µg/L	—	3.7	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	0.833	—	1000	2.37*[f]	µg/L	—	0.2	Y	J	J	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.22	1.9	—	4.72*[f]	pCi/L	6.5	—	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	N	0.6	—	200	2.75*[f]	µg/L	—	0.6	Y	U	U	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.414	—	10	0.748*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	3.0	—	190	—	µg/L	—	3.0	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	3.0	—	38	—	µg/L	—	3.0	Y	U	U	N3B-2020-275	CASA-20-189235	GELC

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Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	3.0	—	1.4	—	µg/L	—	3.0	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	—	0.00167	—	µg/L	—	0.00018	Y	U	U	N3B-2020-278	CASA-20-189235	SwRI
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.0	—	0.00167	—	µg/L	—	3.0	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00036	—	0.00491	—	µg/L	—	0.00036	Y	U	U	N3B-2020-278	CASA-20-189235	SwRI
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.0	—	0.00491	—	µg/L	—	3.0	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.00047	—	0.0273	—	µg/L	—	0.00047	Y	U	UJ	N3B-2020-278	CASA-20-189235	SWRI
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.0	—	0.0273	—	µg/L	—	3.0	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	—	0.11	—	µg/L	—	0.00018	Y	U	U	N3B-2020-278	CASA-20-189235	SwRI
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.0	—	0.11	—	µg/L	—	3.0	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	—	0.37	—	µg/L	—	0.00033	Y	U	UJ	N3B-2020-278	CASA-20-189235	SWRI
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	3.0	—	0.37	—	µg/L	—	3.0	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.0	—	9.81	—	µg/L	—	3.0	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	3.0	—	3.07	—	µg/L	—	3.0	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	3.0	—	1	—	µg/L	—	3.0	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.345	—	13.8	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.589	—	70	—	ng/L	—	0.589	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.714	—	70	—	ng/L	—	0.714	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanoic acid	335-67-1	Y	0.878	—	70	—	ng/L	—	0.625	Y	J	J	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.3	—	170	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	3.0	—	5	—	µg/L	—	3.0	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0034	0.00947	—	0.00994*[f]	pCi/L	0.0367	—	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0119	0.00833	—	0.0171*[f]	pCi/L	0.0356	—	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.78	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	23.6	15.8	—	35.6*[f]	pCi/L	68.1	—	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	RE	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.0	—	250	2.06*[f]	µg/L	—	3.0	Y	UH	UJ	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.3	—	117	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	3.0	—	20	—	µg/L	—	3.0	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.444	0.261	5	—	pCi/L	0.85	—	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.444	0.299	5	—	pCi/L	—	—	Y	—	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.0401	0.147	5	—	pCi/L	0.563	—	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.0	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.7	—	—	15.3*[f]	mg/L	—	0.1	Y	N	J-	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.278	0.899	—	1.93*[f]	pCi/L	3.64	—	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	147.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	77.5	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.18	0.143	8	0.355*[f]	pCi/L	0.488	—	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.88	—	600	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	11/05/2019	WG	UF	RE	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.0	—	20	2.06*[f]	µg/L	—	3.0	Y	UH	UJ	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	5.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	5.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.0	—	1.66	—	µg/L	—	3.0	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.0	—	240	—	µg/L	—	3.0	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	12000	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	42.9	—	1000	159*[f]	mg/L	—	3.4	Y	—	J+	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0821	—	—	0.165*[f]	mg/L	—	0.033	Y	J	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.341	—	—	0.982*[f]	mg/L	—	0.33	Y	J	J	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Total PFAS	PFAS-Tot-3a	Y	0.878	—	70	—	ng/L	—	1.79	—	J	—	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.051	—	—	0.0822*[f]	mg/L	—	0.02	Y	—	U	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189235	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	3.0	—	70	—	µg/L	—	3.0	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	3.0	—	1170	—	µg/L	—	3.0	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	3.0	—	11.9	—	µg/L	—	3.0	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.256	0.956	20000	—	pCi/L	3.099	—	Y	U	U	N3B-2020-282	CASA-20-189235	ARSL
R-67	1242.6	11/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.993	—	30	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.874	0.0496	27.2	0.653*[f]	pCi/L	0.0598	—	Y	—	NQ	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0269	0.0126	28.8	0.0423*[f]	pCi/L	0.0426	—	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.338	0.0315	30	0.322*[f]	pCi/L	0.0701	—	Y	—	NQ	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.98	—	63.1	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	4.03	—	10000	14.4*[f]	µg/L	—	3.3	Y	J	J	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.37	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	84.4	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.1*[f]	mg/L	—	0.017	Y	U	U	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.89	—	10	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	18.0	—	2000	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	750	18.7*[f]	µg/L	—	15.0	Y	U	U	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16.8	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.2	—	250	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	7.77	—	50	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	07/24/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-2645	CASA-19-182716	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.257	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	66.0	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.87	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	07/24/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-2645	CASA-19-182716	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.78	—	1000	2.37*[f]	µg/L	—	0.2	Y	J	J	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.6	—	200	2.75*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.38	—	10	0.748*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.323	—	13.8	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.8	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	72.3	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.0	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	175.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	82.1	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.77	—	600	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	07/24/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2645	CASA-19-182716	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-67	1242.6	07/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	12000	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	173.0	—	1000	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	07/24/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.165*[f]	mg/L	—	0.033	Y	U	U	N3B-2019-2645	CASA-19-182716	GELC
R-67	1242.6	07/24/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2019-2645	CASA-19-182716	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.134	—	—	0.0822*[f]	mg/L	—	0.02	Y	—	NQ	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.97	—	30	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.49	—	63.1	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	8.09	—	10000	14.4*[f]	µg/L	—	3.3	Y	J	U	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.27	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	82.3	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0223	—	—	0.1*[f]	mg/L	—	0.017	Y	J	U	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.25	—	10	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	15.4	—	2000	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	750	18.7*[f]	µg/L	—	15.0	Y	U	U	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	14.4	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.2	—	250	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	7.93	—	50	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	05/10/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-1877	CASA-19-175200	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	N	0.033	—	1.6	0.382*[f]	mg/L	—	0.033	Y	U	U	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	58.4	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.47	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	05/10/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-1877	CASA-19-175200	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.718	—	1000	2.37*[f]	µg/L	—	0.2	Y	J	J	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.6	—	200	2.75*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.392	—	10	0.748*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.333	—	13.8	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.66	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.4	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.8	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	173.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	70.5	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.71	—	600	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	05/10/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1877	CASA-19-175200	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	5.3	—	12000	13*[f]	µg/L	—	2.5	Y	J	U	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	139.0	—	1000	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	05/10/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.165*[f]	mg/L	—	0.033	Y	U	U	N3B-2019-1877	CASA-19-175200	GELC
R-67	1242.6	05/10/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2019-1877	CASA-19-175200	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.406	—	—	0.0822*[f]	mg/L	—	0.02	Y	—	J+	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	05/10/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.459	0.864	20000	2.06*[f]	pCi/L	2.942	—	Y	U	U	N3B-2019-1983	CASA-19-175200	ARSL
R-67	1242.6	05/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.0	—	30	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.77	—	63.1	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	10000	14.4*[f]	µg/L	—	3.3	Y	U	U	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.17	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.19	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-739	CASA-19-166006	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-67	1242.6	01/09/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	83.2	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	84.2	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0462	—	—	0.1*[f]	mg/L	—	0.017	Y	J	U	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0212	—	—	0.1*[f]	mg/L	—	0.017	Y	J	U	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.72	—	10	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	Y	3.47	—	10	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	17.2	—	2000	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	17.2	—	2000	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	750	18.7*[f]	µg/L	—	15.0	Y	U	U	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	750	18.7*[f]	µg/L	—	15.0	Y	U	U	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	15.6	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	15.5	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.13	—	250	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.11	—	250	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	9.25	—	50	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	9.36	—	50	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	01/09/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-739	CASA-19-166007	GELC
R-67	1242.6	01/09/2019	WG	UF	INIT	FD	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-739	CASA-19-166009	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.129	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.161	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	62.6	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	62.1	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.73	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.69	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-739	CASA-19-166007	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	01/09/2019	WG	UF	INIT	FD	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-739	CASA-19-166009	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.769	—	1000	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.818	—	1000	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.745	—	200	2.75*[f]	µg/L	—	0.6	Y	J	J	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.764	—	200	2.75*[f]	µg/L	—	0.6	Y	J	J	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.369	—	10	0.748*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.368	—	10	0.748*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.376	—	13.8	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.356	—	13.8	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.79	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	1.84	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.8	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-739	CASA-19-166006	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-67	1242.6	01/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.7	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.9	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.9	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	171.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	170.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	79.3	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	78.4	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.74	—	600	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.71	—	600	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-739	CASA-19-166007	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	01/09/2019	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-739	CASA-19-166009	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	7.07	—	12000	13*[f]	µg/L	—	2.5	Y	J	J	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Tin	Sn	Y	3.57	—	12000	13*[f]	µg/L	—	2.5	Y	J	J	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	163.0	—	1000	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	167.0	—	1000	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	01/09/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.165*[f]	mg/L	—	0.033	Y	U	U	N3B-2019-739	CASA-19-166007	GELC
R-67	1242.6	01/09/2019	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.165*[f]	mg/L	—	0.033	Y	U	U	N3B-2019-739	CASA-19-166009	GELC
R-67	1242.6	01/09/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.341	—	—	0.982*[f]	mg/L	—	0.33	Y	J	J	N3B-2019-739	CASA-19-166007	GELC
R-67	1242.6	01/09/2019	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.337	—	—	0.982*[f]	mg/L	—	0.33	Y	J	J	N3B-2019-739	CASA-19-166009	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0252	—	—	0.0822*[f]	mg/L	—	0.02	Y	J	J	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0268	—	—	0.0822*[f]	mg/L	—	0.02	Y	J	J	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.04	—	30	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.994	—	30	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.33	—	63.1	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.19	—	63.1	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	3.43	—	10000	14.4*[f]	µg/L	—	3.3	Y	J	J	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Zinc	Zn	Y	3.35	—	10000	14.4*[f]	µg/L	—	3.3	Y	J	J	N3B-2019-739	CASA-19-166008	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.309	—	535	—	µg/L	—	0.309	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.309	—	—	—	µg/L	—	0.309	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	14100	—	µg/L	—	1.5	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.79	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	105.0	—	—	62	mg/L	—	1.45	Y	—	NQ	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*i	µg/L	—	68.0	Y	U	U	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0	0.0057	—	0.00829*i	pCi/L	0.0404	—	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0364	—	—	0.0606*i	mg/L	—	0.017	Y	J	J	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.32	—	130	—	µg/L	—	4.32	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.309	—	1720	—	µg/L	—	0.309	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1.0	—	6	1*i	µg/L	—	1.0	Y	U	U	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1016	12674-11-2	N	0.0349	—	0.5	—	µg/L	—	0.0349	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1221	11104-28-2	N	0.0349	—	0.5	—	µg/L	—	0.0349	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1232	11141-16-5	N	0.0349	—	0.5	—	µg/L	—	0.0349	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1242	53469-21-9	N	0.0349	—	0.5	—	µg/L	—	0.0349	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1248	12672-29-6	N	0.0349	—	0.5	—	µg/L	—	0.0349	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1254	11097-69-1	N	0.0349	—	0.5	—	µg/L	—	0.0349	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1260	11096-82-5	N	0.0349	—	0.5	—	µg/L	—	0.0349	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	4.59	—	10	2.82*i	µg/L	—	2.0	Y	J	J	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	3.09	—	3	—	µg/L	—	3.09	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Azobenzene	103-33-3	N	3.09	—	1.2	—	µg/L	—	3.09	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	32.6	—	2000	13.5	µg/L	—	1.0	Y	—	NQ	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	4.01	—	0.00109	—	µg/L	—	4.01	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.309	—	0.12	—	µg/L	—	0.309	Y	U	U	N3B-2020-367	CASA-20-189201	GELC

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Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.309	—	0.2	—	µg/L	—	0.309	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.309	—	0.343	—	µg/L	—	0.309	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.309	—	—	—	µg/L	—	0.309	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.309	—	3.43	—	µg/L	—	0.309	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.17	—	75000	—	µg/L	—	6.17	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	3.09	—	2000	—	µg/L	—	3.09	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*i	µg/L	—	1.0	Y	U	U	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	3.09	—	59	—	µg/L	—	3.09	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	3.09	—	0.137	—	µg/L	—	3.09	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.309	—	6	—	µg/L	—	0.309	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	74.6	—	750	16.2*i	µg/L	—	15.0	Y	—	NQ	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.695	—	—	0.0716*i	mg/L	—	0.067	Y	—	NQ	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	1.34	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	3.09	—	—	—	µg/L	—	3.09	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.309	—	160	—	µg/L	—	0.309	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	0.11*i	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	54.1	—	—	10.7	mg/L	—	0.05	Y	—	NQ	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.46	0.919	—	2.96*i	pCi/L	4.06	—	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	110.0	—	250	3.11	mg/L	—	1.34	Y	—	NQ	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	3.09	—	1400	—	µg/L	—	3.09	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.4	—	3.7	—	µg/L	—	3.4	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	1.68	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	Y	0.43	—	80	—	µg/L	—	0.3	Y	J	J	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.422	—	733	—	µg/L	—	0.422	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	3.09	—	91	—	µg/L	—	3.09	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.09	—	—	—	µg/L	—	3.09	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	8.23	—	50	2.72*i	µg/L	—	3.0	Y	J	J	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.309	—	34.3	—	µg/L	—	0.309	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*i	µg/L	—	1.0	Y	U	U	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.287	1.09	—	2.68*i	pCi/L	4.3	—	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*i	µg/L	—	3.0	Y	U	U	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*i	mg/L	—	0.00167	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.309	—	0.0343	—	µg/L	—	0.309	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	3.09	—	7.9	—	µg/L	—	3.09	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	3.09	—	600	—	µg/L	—	3.09	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.09	—	—	—	µg/L	—	3.09	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	3.09	—	75	—	µg/L	—	3.09	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	3.09	—	1.25	—	µg/L	—	3.09	Y	U	U	N3B-2020-367	CASA-20-189201	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	3.09	—	45.3	—	µg/L	—	3.09	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.309	—	14800	—	µg/L	—	0.309	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.309	—	612	—	µg/L	—	0.309	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	3.09	—	354	—	µg/L	—	3.09	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.309	—	885	—	µg/L	—	0.309	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.09	—	1.52	—	µg/L	—	3.09	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	5.15	—	38.7	—	µg/L	—	5.15	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	3.09	—	2.37	—	µg/L	—	3.09	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	3.09	—	0.485	—	µg/L	—	3.09	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.309	—	200	—	µg/L	—	0.309	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	3.09	—	7	—	µg/L	—	3.09	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.09	—	4.59	—	µg/L	—	3.09	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	Y	0.872	—	4.59	—	µg/L	—	0.1	Y	—	NQ	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	3.09	—	122	—	µg/L	—	3.09	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.309	—	802	—	µg/L	—	0.309	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.309	—	288	—	µg/L	—	0.309	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.158	—	1.6	0.234	mg/L	—	0.033	Y	—	NQ	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	2.98	1.08	15	3.85*i	pCi/L	2.8	—	Y	—	NQ	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.33	0.478	—	9.18*i	pCi/L	1.45	—	Y	—	NQ	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	170.0	—	—	37.8	mg/L	—	0.453	Y	—	NQ	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	3.09	—	1	—	µg/L	—	3.09	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	3.09	—	1.39	—	µg/L	—	3.09	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	3.09	—	50	—	µg/L	—	3.09	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	3.09	—	3.28	—	µg/L	—	3.09	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.309	—	0.343	—	µg/L	—	0.309	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	54.1*i	µg/L	—	30.0	Y	U	U	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.6	—	781	—	µg/L	—	3.6	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	—	15	0.5*i	µg/L	—	0.5	Y	U	U	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	8.37	—	—	3.14	mg/L	—	0.11	Y	—	NQ	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	8.39*i	µg/L	—	2.0	Y	U	U	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	—	2	0.067*i	µg/L	—	0.067	Y	U	U	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	—	2	0.067*i	µg/L	—	0.067	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.309	—	11.4	—	µg/L	—	0.309	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.309	—	35.1	—	µg/L	—	0.309	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	3.09	—	930	—	µg/L	—	3.09	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.81	—	1900	—	µg/L	—	3.81	Y	U	U	N3B-2020-367	CASA-20-189201	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	65.1	—	1000	2.9	µg/L	—	0.2	Y	—	NQ	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.309	—	1.65	—	µg/L	—	0.309	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.18	2.13	—	5.84*i	pCi/L	7.34	—	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	3.74	—	200	3.65	µg/L	—	0.6	Y	—	NQ	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.4	—	10	0.459	mg/L	—	0.017	Y	—	NQ	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	3.09	—	190	—	µg/L	—	3.09	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	3.09	—	—	—	µg/L	—	3.09	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	3.09	—	38	—	µg/L	—	3.09	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	3.09	—	1.4	—	µg/L	—	3.09	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	3.09	—	—	—	µg/L	—	3.09	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	3.09	—	—	—	µg/L	—	3.09	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	—	0.00167	—	µg/L	—	0.00018	Y	U	U	N3B-2020-366	CASA-20-189201	SwRI
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.09	—	0.00167	—	µg/L	—	3.09	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00036	—	0.00491	—	µg/L	—	0.00036	Y	U	U	N3B-2020-366	CASA-20-189201	SwRI
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.09	—	0.00491	—	µg/L	—	3.09	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.00047	—	0.0273	—	µg/L	—	0.00047	Y	U	UJ	N3B-2020-366	CASA-20-189201	SwRI
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.09	—	0.0273	—	µg/L	—	3.09	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	—	0.11	—	µg/L	—	0.00018	Y	U	U	N3B-2020-366	CASA-20-189201	SwRI
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.09	—	0.11	—	µg/L	—	3.09	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	—	0.37	—	µg/L	—	0.00033	Y	U	U	N3B-2020-366	CASA-20-189201	SwRI
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	3.09	—	0.37	—	µg/L	—	3.09	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.09	—	9.81	—	µg/L	—	3.09	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	3.09	—	3.07	—	µg/L	—	3.09	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	3.09	—	1	—	µg/L	—	3.09	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.72	—	13.8	0.27	µg/L	—	0.05	Y	—	J	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.593	—	70	—	ng/L	—	0.593	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.719	—	70	—	ng/L	—	0.719	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.719	—	70	—	ng/L	—	0.719	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.309	—	170	—	µg/L	—	0.309	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	3.09	—	5	—	µg/L	—	3.09	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00413	0.00716	—	0.00732*i	pCi/L	0.0375	—	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0	0.00413	—	0.0132*i	pCi/L	0.0364	—	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.62	—	—	2.35	mg/L	—	0.05	Y	—	NQ	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	7.57	19.3	—	38.6*i	pCi/L	39.7	—	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	RE	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.09	—	250	2.06*[r]	µg/L	—	3.09	Y	UH	UJ	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.309	—	117	—	µg/L	—	0.309	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	3.09	—	20	—	µg/L	—	3.09	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.307	0.093	5	—	pCi/L	0.21	—	Y	—	NQ	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	1.2	0.236	5	—	pCi/L	—	—	Y	—	NQ	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	Y	0.893	0.217	5	—	pCi/L	0.613	—	Y	—	NQ	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	2.0	—	50	1.5*i	µg/L	—	2.0	Y	U	U	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	60.1	—	—	75	mg/L	—	0.053	Y	—	NQ	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	—	50	0.2*i	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	64.2	—	—	18.2	mg/L	—	0.1	Y	—	NQ	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.686	1.14	—	2.02*i	pCi/L	4.13	—	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	671.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	237.0	—	11800	59.6	µg/L	—	1.0	Y	—	NQ	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0131	0.139	8	0.282*i	pCi/L	0.488	—	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	49.4	—	600	7.1	mg/L	—	2.66	Y	—	NQ	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	11/15/2019	WG	UF	RE	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.09	—	20	2.06*[r]	µg/L	—	3.09	Y	UH	UJ	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.09	—	1.66	—	µg/L	—	3.09	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.09	—	240	—	µg/L	—	3.09	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	—	2	0.45*i	µg/L	—	0.6	Y	U	U	N3B-2020-367	CASA-20-189200	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	12000	13*i	µg/L	—	2.5	Y	U	U	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	424.0	—	1000	135*i	mg/L	—	3.4	Y	—	NQ	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.155	—	—	0.173*i	mg/L	—	0.033	Y	—	J+	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.725	—	—	1.35	mg/L	—	0.33	Y	J	J	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Total PFAS	PFAS-Tot-3a	N	0.0	—	70	—	ng/L	—	1.8	—	U	—	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	1.33	—	—	0.178*i	mg/L	—	0.02	Y	—	NQ	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	3.09	—	70	—	µg/L	—	3.09	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	3.09	—	1170	—	µg/L	—	3.09	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	3.09	—	11.9	—	µg/L	—	3.09	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	19.452	3.151	20000	2.02*[i]	pCi/L	2.968	—	Y	—	NQ	N3B-2020-398	CASA-20-189201	ARSL
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	1.5	—	30	0.992	µg/L	—	0.067	Y	—	NQ	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.11	0.0561	27.2	0.477	pCi/L	0.0587	—	Y	—	NQ	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0413	0.0127	28.8	0.0203*i	pCi/L	0.042	—	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.538	0.0392	30	0.201	pCi/L	0.0688	—	Y	—	NQ	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.83	—	63.1	9.29	µg/L	—	1.0	Y	J	J	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	10000	17.4*i	µg/L	—	3.3	Y	U	U	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.48	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	106.0	—	—	62	mg/L	—	1.45	Y	—	NQ	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*i	µg/L	—	68.0	Y	U	U	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0462	—	—	0.0606*i	mg/L	—	0.017	Y	J	J	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	6	1*i	µg/L	—	1.0	Y	U	U	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	5.48	—	10	2.82*i	µg/L	—	2.0	Y	—	NQ	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	29.9	—	2000	13.5	µg/L	—	1.0	Y	—	NQ	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*i	µg/L	—	1.0	Y	U	U	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	72.8	—	750	16.2*i	µg/L	—	15.0	Y	—	NQ	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.59	—	—	0.0716*i	mg/L	—	0.067	Y	—	J-	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	5	0.11*i	µg/L	—	0.3	Y	U	U	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	47.1	—	—	10.7	mg/L	—	0.05	Y	—	NQ	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	102.0	—	250	3.11	mg/L	—	1.34	Y	H	NQ	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	7.99	—	50	2.72*i	µg/L	—	3.0	Y	J	J	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*i	µg/L	—	1.0	Y	U	U	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*i	µg/L	—	3.0	Y	U	U	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	05/20/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*i	mg/L	—	0.00167	Y	U	U	N3B-2019-1943	CASA-19-175179	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.189	—	1.6	0.234	mg/L	—	0.033	Y	—	J-	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	148.0	—	—	37.8	mg/L	—	0.453	Y	—	NQ	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	54.1*i	µg/L	—	30.0	Y	U	U	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	15	0.5*i	µg/L	—	0.5	Y	U	U	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	7.47	—	—	3.14	mg/L	—	0.11	Y	—	NQ	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	8.39*i	µg/L	—	2.0	Y	U	U	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*i	µg/L	—	0.067	Y	U	U	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	05/20/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*i	µg/L	—	0.067	Y	U	U	N3B-2019-1991	CASA-19-175179	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	60.8	—	1000	2.9	µg/L	—	0.2	Y	—	NQ	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	1.96	—	200	3.65	µg/L	—	0.6	Y	J	U	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.49	—	10	0.459	mg/L	—	0.085	Y	—	NQ	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.697	—	13.8	0.27	µg/L	—	0.05	Y	—	NQ	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.55	—	—	2.35	mg/L	—	0.05	Y	—	NQ	N3B-2019-1991	CASA-19-175178	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	50	1.5*i	µg/L	—	2.0	Y	U	U	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	57.4	—	—	75	mg/L	—	0.053	Y	—	NQ	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	50	0.2*i	µg/L	—	0.3	Y	U	U	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	58.5	—	—	18.2	mg/L	—	0.1	Y	—	NQ	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	671.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	214.0	—	11800	59.6	µg/L	—	1.0	Y	—	NQ	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	43.7	—	600	7.1	mg/L	—	2.66	Y	H	NQ	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	05/20/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1943	CASA-19-175179	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	2	0.45*i	µg/L	—	0.6	Y	U	U	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	26.5	—	12000	13*i	µg/L	—	2.5	Y	—	NQ	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	481.0	—	1000	135*i	mg/L	—	3.4	Y	H	NQ	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	05/20/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.173	—	—	0.173*i	mg/L	—	0.033	Y	—	NQ	N3B-2019-1991	CASA-19-175179	GELC
SCI-1	358.4	05/20/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.839	—	—	1.35	mg/L	—	0.33	Y	J	J	N3B-2019-1991	CASA-19-175179	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	1.43	—	—	0.178*i	mg/L	—	0.02	Y	—	NQ	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.37	—	30	0.992	µg/L	—	0.067	Y	—	NQ	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.85	—	63.1	9.29	µg/L	—	1.0	Y	J	J	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	9.45	—	10000	17.4*i	µg/L	—	3.3	Y	J	U	N3B-2019-1991	CASA-19-175178	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.302	—	535	—	µg/L	—	0.302	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.302	—	—	—	µg/L	—	0.302	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	14100	—	µg/L	—	1.5	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.72	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	92.8	—	—	62	mg/L	—	1.45	Y	—	NQ	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*i	µg/L	—	68.0	Y	U	U	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0114	0.00848	—	0.00829*i	pCi/L	0.038	—	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0277	—	—	0.0606*i	mg/L	—	0.017	Y	J	J	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.22	—	130	—	µg/L	—	4.22	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.302	—	1720	—	µg/L	—	0.302	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1.0	—	6	1*i	µg/L	—	1.0	Y	U	U	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1016	12674-11-2	N	0.0336	—	0.5	—	µg/L	—	0.0336	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1221	11104-28-2	N	0.0336	—	0.5	—	µg/L	—	0.0336	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1232	11141-16-5	N	0.0336	—	0.5	—	µg/L	—	0.0336	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1242	53469-21-9	N	0.0336	—	0.5	—	µg/L	—	0.0336	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1248	12672-29-6	N	0.0336	—	0.5	—	µg/L	—	0.0336	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1254	11097-69-1	N	0.0336	—	0.5	—	µg/L	—	0.0336	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1260	11096-82-5	N	0.0336	—	0.5	—	µg/L	—	0.0336	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	N	2.0	—	10	2.82*i	µg/L	—	2.0	Y	U	U	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	3.02	—	3	—	µg/L	—	3.02	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Azobenzene	103-33-3	N	3.02	—	1.2	—	µg/L	—	3.02	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	75.2	—	2000	13.5	µg/L	—	1.0	Y	—	NQ	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	3.92	—	0.00109	—	µg/L	—	3.92	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.302	—	0.12	—	µg/L	—	0.302	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.302	—	0.2	—	µg/L	—	0.302	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.302	—	0.343	—	µg/L	—	0.302	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.302	—	—	—	µg/L	—	0.302	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.302	—	3.43	—	µg/L	—	0.302	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.03	—	75000	—	µg/L	—	6.03	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	3.02	—	2000	—	µg/L	—	3.02	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*i	µg/L	—	1.0	Y	U	U	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	3.02	—	59	—	µg/L	—	3.02	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	3.02	—	0.137	—	µg/L	—	3.02	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.302	—	6	—	µg/L	—	0.302	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	17.9	—	750	16.2*i	µg/L	—	15.0	Y	J	J	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.765	—	—	0.0716*i	mg/L	—	0.067	Y	—	NQ	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	1.34	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189204	GELC

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SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	3.02	—	—	—	µg/L	—	3.02	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.302	—	160	—	µg/L	—	0.302	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	0.11*i	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	71.2	—	—	10.7	mg/L	—	0.05	Y	—	NQ	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.564	1.02	—	2.96*i	pCi/L	3.41	—	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	73.7	—	250	3.11	mg/L	—	1.34	Y	—	NQ	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	3.02	—	1400	—	µg/L	—	3.02	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.32	—	3.7	—	µg/L	—	3.32	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	1.68	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	Y	0.45	—	80	—	µg/L	—	0.3	Y	J	J	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.412	—	733	—	µg/L	—	0.412	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	3.02	—	91	—	µg/L	—	3.02	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.02	—	—	—	µg/L	—	3.02	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	268.0	—	50	2.72*i	µg/L	—	3.0	Y	—	NQ	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.302	—	34.3	—	µg/L	—	0.302	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*i	µg/L	—	1.0	Y	U	U	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.712	0.929	—	2.68*i	pCi/L	3.94	—	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*i	µg/L	—	3.0	Y	U	U	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00478	—	200	0.0017*i	mg/L	—	0.00167	Y	J	J	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.302	—	0.0343	—	µg/L	—	0.302	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	3.02	—	7.9	—	µg/L	—	3.02	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	3.02	—	600	—	µg/L	—	3.02	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.02	—	—	—	µg/L	—	3.02	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	3.02	—	75	—	µg/L	—	3.02	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	3.02	—	1.25	—	µg/L	—	3.02	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	3.02	—	45.3	—	µg/L	—	3.02	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	Y	0.543	—	14800	—	µg/L	—	0.302	Y	J	J	N3B-2020-367	CASA-20-189204	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.302	—	612	—	µg/L	—	0.302	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	3.02	—	354	—	µg/L	—	3.02	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.302	—	885	—	µg/L	—	0.302	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.02	—	1.52	—	µg/L	—	3.02	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	5.03	—	38.7	—	µg/L	—	5.03	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	3.02	—	2.37	—	µg/L	—	3.02	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	3.02	—	0.485	—	µg/L	—	3.02	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.302	—	200	—	µg/L	—	0.302	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	3.02	—	7	—	µg/L	—	3.02	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.02	—	4.59	—	µg/L	—	3.02	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	Y	2.01	—	4.59	—	µg/L	—	0.1	Y	—	NQ	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	3.02	—	122	—	µg/L	—	3.02	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.302	—	802	—	µg/L	—	0.302	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.302	—	288	—	µg/L	—	0.302	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.229	—	1.6	0.234	mg/L	—	0.033	Y	—	NQ	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	3.25	1.15	15	3.85*i	pCi/L	2.96	—	Y	—	NQ	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.48	0.608	—	9.18*i	pCi/L	1.77	—	Y	—	NQ	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	245.0	—	—	37.8	mg/L	—	0.453	Y	—	NQ	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	3.02	—	1	—	µg/L	—	3.02	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	3.02	—	1.39	—	µg/L	—	3.02	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	3.02	—	50	—	µg/L	—	3.02	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	3.02	—	3.28	—	µg/L	—	3.02	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.302	—	0.343	—	µg/L	—	0.302	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	54.1*i	µg/L	—	30.0	Y	U	U	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.52	—	781	—	µg/L	—	3.52	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	—	15	0.5*i	µg/L	—	0.5	Y	U	U	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	16.4	—	—	3.14	mg/L	—	0.11	Y	—	NQ	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	8.39*i	µg/L	—	2.0	Y	U	U	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	—	2	0.067*i	µg/L	—	0.067	Y	U	U	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	—	2	0.067*i	µg/L	—	0.067	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.302	—	11.4	—	µg/L	—	0.302	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.302	—	35.1	—	µg/L	—	0.302	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	3.02	—	930	—	µg/L	—	3.02	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.72	—	1900	—	µg/L	—	3.72	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	N	0.547	—	1000	2.9	µg/L	—	0.2	Y	J	U	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.302	—	1.65	—	µg/L	—	0.302	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.08	2.03	—	5.84*i	pCi/L	7.25	—	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	14.4	—	200	3.65	µg/L	—	0.6	Y	—	NQ	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.45	—	10	0.459	mg/L	—	0.17	Y	—	NQ	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	3.02	—	190	—	µg/L	—	3.02	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	3.02	—	—	—	µg/L	—	3.02	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	3.02	—	38	—	µg/L	—	3.02	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	3.02	—	1.4	—	µg/L	—	3.02	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	3.02	—	—	—	µg/L	—	3.02	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	3.02	—	—	—	µg/L	—	3.02	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	Y	0.00021	—	0.00167	—	µg/L	—	0.00018	Y	J	J	N3B-2020-366	CASA-20-189204	SwRI
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.02	—	0.00167	—	µg/L	—	3.02	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	Y	0.00136	—	0.00491	—	µg/L	—	0.00036	Y	—	NQ	N3B-2020-366	CASA-20-189204	SwRI

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.02	—	0.00491	—	µg/L	—	3.02	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.00047	—	0.0273	—	µg/L	—	0.00047	Y	U	UJ	N3B-2020-366	CASA-20-189204	SwRI
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.02	—	0.0273	—	µg/L	—	3.02	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	—	0.11	—	µg/L	—	0.00018	Y	U	U	N3B-2020-366	CASA-20-189204	SwRI
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.02	—	0.11	—	µg/L	—	3.02	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	Y	0.000591	—	0.37	—	µg/L	—	0.00033	Y	—	NQ	N3B-2020-366	CASA-20-189204	SwRI
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	3.02	—	0.37	—	µg/L	—	3.02	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.02	—	9.81	—	µg/L	—	3.02	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	3.02	—	3.07	—	µg/L	—	3.02	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	3.02	—	1	—	µg/L	—	3.02	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.924	—	13.8	0.27	µg/L	—	0.05	Y	—	J	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.601	—	70	—	ng/L	—	0.601	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.729	—	70	—	ng/L	—	0.729	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.729	—	70	—	ng/L	—	0.729	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.302	—	170	—	µg/L	—	0.302	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	3.02	—	5	—	µg/L	—	3.02	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0029	0.0087	—	0.00732*i	pCi/L	0.0526	—	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0	0.0058	—	0.0132*i	pCi/L	0.0511	—	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	4.0	—	—	2.35	mg/L	—	0.05	Y	—	NQ	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-26.9	15.0	—	38.6*i	pCi/L	49.9	—	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	RE	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.02	—	250	2.06*[r]	µg/L	—	3.02	Y	UH	UJ	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.302	—	117	—	µg/L	—	0.302	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	3.02	—	20	—	µg/L	—	3.02	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.418	0.158	5	—	pCi/L	0.457	—	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.494	0.217	5	—	pCi/L	—	—	Y	—	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.0767	0.149	5	—	pCi/L	0.542	—	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	2.0	—	50	1.5*i	µg/L	—	2.0	Y	U	U	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	60.6	—	—	75	mg/L	—	0.053	Y	—	NQ	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	—	50	0.2*i	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	23.7	—	—	18.2	mg/L	—	0.1	Y	—	NQ	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.236	0.963	—	2.02*i	pCi/L	3.7	—	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	628.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	339.0	—	11800	59.6	µg/L	—	1.0	Y	—	NQ	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.245	0.135	8	0.282*i	pCi/L	0.488	—	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	85.8	—	600	7.1	mg/L	—	2.66	Y	—	NQ	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	11/15/2019	WG	UF	RE	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.02	—	20	2.06*[r]	µg/L	—	3.02	Y	UH	UJ	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.02	—	1.66	—	µg/L	—	3.02	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.02	—	240	—	µg/L	—	3.02	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	—	2	0.45*i	µg/L	—	0.6	Y	U	U	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	12000	13*i	µg/L	—	2.5	Y	U	U	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	457.0	—	1000	135*i	mg/L	—	3.4	Y	—	NQ	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.205	—	—	0.173*i	mg/L	—	0.033	Y	—	J+	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.603	—	—	1.35	mg/L	—	0.33	Y	J	J	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Total PFAS	PFAS-Tot-3a	N	0.0	—	70	—	ng/L	—	1.82	—	U	—	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0392	—	—	0.178*i	mg/L	—	0.02	Y	J	J	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	3.02	—	70	—	µg/L	—	3.02	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189204	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	3.02	—	1170	—	µg/L	—	3.02	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	3.02	—	11.9	—	µg/L	—	3.02	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	Y	232.0	45.1	20000	2.02*i	pCi/L	130.0	—	Y	—	NQ	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	2.29	—	30	0.992	µg/L	—	0.067	Y	—	NQ	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.22	0.0655	27.2	0.477	pCi/L	0.0703	—	Y	—	NQ	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0397	0.0175	28.8	0.0203*i	pCi/L	0.0504	—	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.66	0.0477	30	0.201	pCi/L	0.0823	—	Y	—	NQ	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	N	1.0	—	63.1	9.29	µg/L	—	1.0	Y	U	U	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	5.43	—	10000	17.4*i	µg/L	—	3.3	Y	J	J	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.66	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	91.0	—	—	62	mg/L	—	1.45	Y	—	NQ	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*i	µg/L	—	68.0	Y	U	U	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0726	—	—	0.0606*i	mg/L	—	0.017	Y	—	NQ	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	6	1*i	µg/L	—	1.0	Y	U	U	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.39	—	10	2.82*i	µg/L	—	2.0	Y	J	J	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	73.1	—	2000	13.5	µg/L	—	1.0	Y	—	NQ	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*i	µg/L	—	1.0	Y	U	U	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	16.3	—	750	16.2*i	µg/L	—	15.0	Y	J	J	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.77	—	—	0.0716*i	mg/L	—	0.067	Y	—	NQ	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	5	0.11*i	µg/L	—	0.3	Y	U	U	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	70.8	—	—	10.7	mg/L	—	0.05	Y	—	NQ	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	78.1	—	250	3.11	mg/L	—	0.67	Y	—	NQ	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	276.0	—	50	2.72*i	µg/L	—	3.0	Y	—	NQ	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*i	µg/L	—	1.0	Y	U	U	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*i	µg/L	—	3.0	Y	U	U	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	07/12/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.0044	—	200	0.0017*i	mg/L	—	0.00167	Y	J	J	N3B-2019-2508	CASA-19-182097	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.3	—	1.6	0.234	mg/L	—	0.033	Y	—	NQ	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	244.0	—	—	37.8	mg/L	—	0.453	Y	—	NQ	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	54.1*i	µg/L	—	30.0	Y	U	U	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	15	0.5*i	µg/L	—	0.5	Y	U	U	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	16.2	—	—	3.14	mg/L	—	0.11	Y	—	NQ	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	8.39*i	µg/L	—	2.0	Y	U	U	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*i	µg/L	—	0.067	Y	U	U	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	07/12/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*i	µg/L	—	0.067	Y	U	U	N3B-2019-2508	CASA-19-182097	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.566	—	1000	2.9	µg/L	—	0.2	Y	J	J	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	15.3	—	200	3.65	µg/L	—	0.6	Y	—	NQ	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.39	—	10	0.459	mg/L	—	0.17	Y	—	NQ	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.907	—	13.8	0.27	µg/L	—	0.05	Y	—	NQ	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.86	—	—	2.35	mg/L	—	0.05	Y	—	NQ	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	50	1.5*i	µg/L	—	2.0	Y	U	U	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	62.8	—	—	75	mg/L	—	0.053	Y	—	NQ	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	50	0.2*i	µg/L	—	0.3	Y	U	U	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	23.5	—	—	18.2	mg/L	—	0.1	Y	—	NQ	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	647.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	337.0	—	11800	59.6	µg/L	—	1.0	Y	—	NQ	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	92.9	—	600	7.1	mg/L	—	1.33	Y	—	NQ	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	07/12/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2508	CASA-19-182097	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	2	0.45*i	µg/L	—	0.6	Y	U	U	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	12000	13*i	µg/L	—	2.5	Y	U	U	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	450.0	—	1000	135*i	mg/L	—	3.4	Y	—	NQ	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	07/12/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.231	—	—	0.173*i	mg/L	—	0.033	Y	—	J+	N3B-2019-2508	CASA-19-182097	GELC
SCI-2	548.0	07/12/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.977	—	—	1.35	mg/L	—	0.33	Y	J	J	N3B-2019-2508	CASA-19-182097	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0813	—	—	0.178*i	mg/L	—	0.02	Y	—	NQ	N3B-2019-2508	CASA-19-182096	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	2.01	—	30	0.992	µg/L	—	0.067	Y	—	NQ	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.67	—	63.1	9.29	µg/L	—	1.0	Y	J	J	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	8.41	—	10000	17.4*i	µg/L	—	3.3	Y	J	J	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.55	—	—	—	SU	—	0.01	Y	H	J-	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	UH	U	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	99.4	—	—	62	mg/L	—	1.45	Y	H	NQ	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*i	µg/L	—	68.0	Y	U	U	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0892	—	—	0.0606*i	mg/L	—	0.017	Y	—	NQ	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	6	1*i	µg/L	—	1.0	Y	U	U	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.77	—	10	2.82*i	µg/L	—	2.0	Y	J	J	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	69.5	—	2000	13.5	µg/L	—	1.0	Y	*	NQ	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*i	µg/L	—	1.0	Y	U	U	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	20.5	—	750	16.2*i	µg/L	—	15.0	Y	J	J	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.702	—	—	0.0716*i	mg/L	—	0.067	Y	—	NQ	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	5	0.11*i	µg/L	—	0.3	Y	U	U	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	65.2	—	—	10.7	mg/L	—	0.05	Y	—	NQ	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	76.4	—	250	3.11	mg/L	—	0.67	Y	H	J-	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	265.0	—	50	2.72*i	µg/L	—	3.0	Y	—	NQ	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*i	µg/L	—	1.0	Y	U	U	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*i	µg/L	—	3.0	Y	U	U	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	05/14/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00405	—	200	0.0017*i	mg/L	—	0.00167	Y	J	J	N3B-2019-1916	CASA-19-175181	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.206	—	1.6	0.234	mg/L	—	0.033	Y	—	NQ	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	227.0	—	—	37.8	mg/L	—	0.453	Y	—	NQ	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	54.1*i	µg/L	—	30.0	Y	U	U	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	15	0.5*i	µg/L	—	0.5	Y	U	U	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	15.7	—	—	3.14	mg/L	—	0.11	Y	—	NQ	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	8.39*i	µg/L	—	2.0	Y	U	U	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*i	µg/L	—	0.067	Y	U	U	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	05/14/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*i	µg/L	—	0.067	Y	U	U	N3B-2019-2011	CASA-19-175181	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.37	—	1000	2.9	µg/L	—	0.2	Y	J	J	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	14.0	—	200	3.65	µg/L	—	0.6	Y	—	NQ	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.62	—	10	0.459	mg/L	—	0.085	Y	—	NQ	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.904	—	13.8	0.27	µg/L	—	0.05	Y	H	NQ	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.69	—	—	2.35	mg/L	—	0.05	Y	—	NQ	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	50	1.5*i	µg/L	—	2.0	Y	U	U	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	59.5	—	—	75	mg/L	—	0.053	Y	—	NQ	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	50	0.2*i	µg/L	—	0.3	Y	U	U	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	22.4	—	—	18.2	mg/L	—	0.1	Y	—	NQ	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	633.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	316.0	—	11800	59.6	µg/L	—	1.0	Y	—	NQ	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	88.7	—	600	7.1	mg/L	—	1.33	Y	H	J-	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	05/14/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1916	CASA-19-175181	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	2	0.45*i	µg/L	—	0.6	Y	U	U	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	35.1	—	12000	13*i	µg/L	—	2.5	Y	—	J+	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	443.0	—	1000	135*i	mg/L	—	3.4	Y	H	NQ	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	05/14/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.232	—	—	0.173*i	mg/L	—	0.033	Y	—	NQ	N3B-2019-2011	CASA-19-175181	GELC
SCI-2	548.0	05/14/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.705	—	—	1.35	mg/L	—	0.33	Y	HJ	J-	N3B-2019-2011	CASA-19-175181	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0332	—	—	0.178*i	mg/L	—	0.02	Y	J	J	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	2.04	—	30	0.992	µg/L	—	0.067	Y	—	NQ	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.18	—	63.1	9.29	µg/L	—	1.0	Y	J	J	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	10000	17.4*i	µg/L	—	3.3	Y	U	U	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.66	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	91.8	—	—	62	mg/L	—	1.45	Y	—	NQ	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*i	µg/L	—	68.0	Y	U	U	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	01/16/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00649	0.00892	—	0.00829*i	pCi/L	0.0396	—	Y	U	U	N3B-2019-772	CASA-19-166275	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0613	—	—	0.0606*i	mg/L	—	0.017	Y	—	NQ	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	6	1*i	µg/L	—	1.0	Y	U	U	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.24	—	10	2.82*i	µg/L	—	2.0	Y	J	J	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	75.4	—	2000	13.5	µg/L	—	1.0	Y	—	NQ	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*i	µg/L	—	1.0	Y	U	U	N3B-2019-772	CASA-19-165997	GELC

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Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	29.5	—	750	16.2*i	µg/L	—	15.0	Y	J	J	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.846	—	—	0.0716*i	mg/L	—	0.067	Y	—	NQ	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	5	0.11*i	µg/L	—	0.3	Y	U	U	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	70.9	—	—	10.7	mg/L	—	0.05	Y	—	NQ	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	01/16/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.4	0.999	—	2.96*i	pCi/L	3.86	—	Y	U	U	N3B-2019-772	CASA-19-166275	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	74.4	—	250	3.11	mg/L	—	0.67	Y	—	NQ	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	300.0	—	50	2.72*i	µg/L	—	3.0	Y	—	NQ	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*i	µg/L	—	1.0	Y	U	U	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	01/16/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.402	1.07	—	2.68*i	pCi/L	4.17	—	Y	U	U	N3B-2019-772	CASA-19-166275	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*i	µg/L	—	3.0	Y	U	U	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	01/16/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00462	—	200	0.0017*i	mg/L	—	0.00167	Y	J	J	N3B-2019-772	CASA-19-166275	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.151	—	1.6	0.234	mg/L	—	0.033	Y	—	NQ	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	01/16/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.41	0.768	15	3.85*i	pCi/L	2.44	—	Y	U	U	N3B-2019-772	CASA-19-166275	GELC
SCI-2	548.0	01/16/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.58	0.368	—	9.18*i	pCi/L	1.08	—	Y	—	J	N3B-2019-772	CASA-19-166275	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	246.0	—	—	37.8	mg/L	—	0.453	Y	—	NQ	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	54.1*i	µg/L	—	30.0	Y	U	U	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	15	0.5*i	µg/L	—	0.5	Y	U	U	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	16.7	—	—	3.14	mg/L	—	0.11	Y	—	NQ	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	8.39*i	µg/L	—	2.0	Y	U	U	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*i	µg/L	—	0.067	Y	U	U	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	01/16/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*i	µg/L	—	0.067	Y	U	U	N3B-2019-772	CASA-19-166275	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.478	—	1000	2.9	µg/L	—	0.2	Y	J	J	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	01/16/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	3.2	2.32	—	5.84*i	pCi/L	7.98	—	Y	U	U	N3B-2019-772	CASA-19-166275	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	15.1	—	200	3.65	µg/L	—	0.6	Y	—	NQ	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.3	—	10	0.459	mg/L	—	0.17	Y	—	NQ	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.97	—	13.8	0.27	µg/L	—	0.05	Y	—	NQ	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	01/16/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00901	0.0054	—	0.00732*i	pCi/L	0.0394	—	Y	U	U	N3B-2019-772	CASA-19-166275	GELC
SCI-2	548.0	01/16/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0144	0.00624	—	0.0132*i	pCi/L	0.046	—	Y	U	U	N3B-2019-772	CASA-19-166275	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.73	—	—	2.35	mg/L	—	0.05	Y	—	NQ	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	01/16/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-8.1	15.6	—	38.6*i	pCi/L	53.9	—	Y	U	U	N3B-2019-772	CASA-19-166275	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	50	1.5*i	µg/L	—	2.0	Y	U	U	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.5	—	—	75	mg/L	—	0.053	Y	—	NQ	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	50	0.2*i	µg/L	—	0.3	Y	U	U	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	23.7	—	—	18.2	mg/L	—	0.1	Y	—	NQ	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	01/16/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.99	1.41	—	2.02*i	pCi/L	4.32	—	Y	U	U	N3B-2019-772	CASA-19-166275	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	633.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	334.0	—	11800	59.6	µg/L	—	1.0	Y	—	NQ	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	01/16/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.138	0.128	8	0.282*i	pCi/L	0.428	—	Y	U	U	N3B-2019-772	CASA-19-166275	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	87.7	—	600	7.1	mg/L	—	1.33	Y	—	NQ	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	01/16/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-772	CASA-19-166275	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	2	0.45*i	µg/L	—	0.6	Y	U	U	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	12000	13*i	µg/L	—	2.5	Y	U	U	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	487.0	—	1000	135*i	mg/L	—	3.4	Y	—	NQ	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	01/16/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0743	—	—	0.173*i	mg/L	—	0.033	Y	J	J	N3B-2019-772	CASA-19-166275	GELC
SCI-2	548.0	01/16/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.695	—	—	1.35	mg/L	—	0.33	Y	J	J	N3B-2019-772	CASA-19-166275	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0421	—	—	0.178*i	mg/L	—	0.02	Y	J	U	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	2.18	—	30	0.992	µg/L	—	0.067	Y	—	NQ	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	01/16/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.31	0.0738	27.2	0.477	pCi/L	0.102	—	Y	—	NQ	N3B-2019-772	CASA-19-166275	GELC
SCI-2	548.0	01/16/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0497	0.0188	28.8	0.0203*i	pCi/L	0.0952	—	Y	U	U	N3B-2019-772	CASA-19-166275	GELC
SCI-2	548.0	01/16/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.697	0.0539	30	0.201	pCi/L	0.119	—	Y	—	NQ	N3B-2019-772	CASA-19-166275	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	N	1.0	—	63.1	9.29	µg/L	—	1.0	Y	U	U	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	6.17	—	10000	17.4*i	µg/L	—	3.3	Y	J	J	N3B-2019-772	CASA-19-165997	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.302	—	535	—	µg/L	—	0.302	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.302	—	—	—	µg/L	—	0.302	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	14100	—	µg/L	—	1.5	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.91	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	60.8	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2020-338	CAMO-20-189197	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00732	0.00518	—	0.0167*[f]	pCi/L	0.0367	—	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0832	—	—	0.1*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.23	—	130	—	µg/L	—	4.23	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.302	—	1720	—	µg/L	—	0.302	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	N	2.0	—	10	2.7*[f]	µg/L	—	2.0	Y	U	U	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	3.02	—	3	—	µg/L	—	3.02	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Azobenzene	103-33-3	N	3.02	—	1.2	—	µg/L	—	3.02	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	26.5	—	2000	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	3.93	—	0.00109	—	µg/L	—	3.93	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.302	—	0.12	—	µg/L	—	0.302	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.302	—	0.2	—	µg/L	—	0.302	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.302	—	0.343	—	µg/L	—	0.302	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.302	—	—	—	µg/L	—	0.302	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.302	—	3.43	—	µg/L	—	0.302	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.05	—	75000	—	µg/L	—	6.05	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	3.02	—	2000	—	µg/L	—	3.02	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	3.02	—	59	—	µg/L	—	3.02	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	3.02	—	0.137	—	µg/L	—	3.02	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.302	—	6	—	µg/L	—	0.302	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	750	18.7*[f]	µg/L	—	15.0	Y	U	U	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	1.34	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	3.02	—	—	—	µg/L	—	3.02	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.302	—	160	—	µg/L	—	0.302	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.5	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.63	1.57	—	2.93*[f]	pCi/L	3.21	—	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.4	—	250	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	3.02	—	1400	—	µg/L	—	3.02	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.33	—	3.7	—	µg/L	—	3.33	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	1.68	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.413	—	733	—	µg/L	—	0.413	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	3.02	—	91	—	µg/L	—	3.02	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.02	—	—	—	µg/L	—	3.02	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	4.93	—	50	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.302	—	34.3	—	µg/L	—	0.302	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.93	0.929	—	2.65*[f]	pCi/L	3.91	—	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2020-338	CAMO-20-189197	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.302	—	0.0343	—	µg/L	—	0.302	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	3.02	—	7.9	—	µg/L	—	3.02	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	3.02	—	600	—	µg/L	—	3.02	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.02	—	—	—	µg/L	—	3.02	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	3.02	—	75	—	µg/L	—	3.02	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	3.02	—	1.25	—	µg/L	—	3.02	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	3.02	—	45.3	—	µg/L	—	3.02	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	4.71	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.302	—	14800	—	µg/L	—	0.302	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.302	—	612	—	µg/L	—	0.302	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	3.02	—	354	—	µg/L	—	3.02	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.302	—	885	—	µg/L	—	0.302	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.02	—	1.52	—	µg/L	—	3.02	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	5.04	—	38.7	—	µg/L	—	5.04	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	3.02	—	2.37	—	µg/L	—	3.02	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	3.02	—	0.485	—	µg/L	—	3.02	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.302	—	200	—	µg/L	—	0.302	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	3.02	—	7	—	µg/L	—	3.02	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.02	—	4.59	—	µg/L	—	3.02	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	Y	0.117	—	4.59	—	µg/L	—	0.1	Y	J	J	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	3.02	—	122	—	µg/L	—	3.02	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.302	—	802	—	µg/L	—	0.302	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.302	—	288	—	µg/L	—	0.302	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.427	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.63	0.905	15	2.012*[f]	pCi/L	2.89	—	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.03	0.831	—	3.81*[f]	pCi/L	2.55	—	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	46.3	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	3.02	—	1	—	µg/L	—	3.02	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	3.02	—	1.39	—	µg/L	—	3.02	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	3.02	—	50	—	µg/L	—	3.02	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	3.02	—	3.28	—	µg/L	—	3.02	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.302	—	0.343	—	µg/L	—	0.302	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.53	—	781	—	µg/L	—	3.53	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2020-338	CAMO-20-189197	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.69	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.302	—	11.4	—	µg/L	—	0.302	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.302	—	35.1	—	µg/L	—	0.302	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	3.02	—	930	—	µg/L	—	3.02	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.73	—	1900	—	µg/L	—	3.73	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.08	—	1000	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.302	—	1.65	—	µg/L	—	0.302	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.19	1.92	—	4.72*[f]	pCi/L	5.95	—	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	N	0.6	—	200	2.75*[f]	µg/L	—	0.6	Y	U	U	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.717	—	10	0.748*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	3.02	—	190	—	µg/L	—	3.02	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	3.02	—	—	—	µg/L	—	3.02	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	3.02	—	38	—	µg/L	—	3.02	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	3.02	—	1.4	—	µg/L	—	3.02	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	3.02	—	—	—	µg/L	—	3.02	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	3.02	—	—	—	µg/L	—	3.02	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	—	0.00167	—	µg/L	—	0.00018	Y	U	U	N3B-2020-344	CAMO-20-189198	SwRI
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.02	—	0.00167	—	µg/L	—	3.02	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00036	—	0.00491	—	µg/L	—	0.00036	Y	U	U	N3B-2020-344	CAMO-20-189198	SwRI
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.02	—	0.00491	—	µg/L	—	3.02	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.00047	—	0.0273	—	µg/L	—	0.00047	Y	U	U	N3B-2020-344	CAMO-20-189198	SwRI
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.02	—	0.0273	—	µg/L	—	3.02	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	—	0.11	—	µg/L	—	0.00018	Y	U	U	N3B-2020-344	CAMO-20-189198	SwRI
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.02	—	0.11	—	µg/L	—	3.02	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	—	0.37	—	µg/L	—	0.00033	Y	U	U	N3B-2020-344	CAMO-20-189198	SwRI
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	3.02	—	0.37	—	µg/L	—	3.02	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.02	—	9.81	—	µg/L	—	3.02	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	3.02	—	3.07	—	µg/L	—	3.02	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	3.02	—	1	—	µg/L	—	3.02	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.447	—	13.8	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.607	—	70	—	ng/L	—	0.607	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.736	—	70	—	ng/L	—	0.736	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.736	—	70	—	ng/L	—	0.736	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.302	—	170	—	µg/L	—	0.302	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	3.02	—	5	—	µg/L	—	3.02	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00214	0.00478	—	0.00994*[f]	pCi/L	0.0388	—	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00642	0.00642	—	0.0171*[f]	pCi/L	0.0377	—	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.54	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-15.4	12.9	—	35.6*[f]	pCi/L	43.9	—	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	RE	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.02	—	250	2.06*[f]	µg/L	—	3.02	Y	UH	UJ	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.302	—	117	—	µg/L	—	0.302	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	3.02	—	20	—	µg/L	—	3.02	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.269	0.11	5	—	pCi/L	0.322	—	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.461	0.199	5	—	pCi/L	—	—	Y	—	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.193	0.167	5	—	pCi/L	0.569	—	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.2	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.7	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.684	0.88	—	1.93*[f]	pCi/L	3.4	—	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	115.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2020-338	CAMO-20-189197	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	56.1	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0931	0.134	8	0.355*[f]	pCi/L	0.493	—	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.98	—	600	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	11/13/2019	WG	UF	RE	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.02	—	20	2.06*[f]	µg/L	—	3.02	Y	UH	UJ	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.02	—	1.66	—	µg/L	—	3.02	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.02	—	240	—	µg/L	—	3.02	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	12000	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	127.0	—	1000	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0778	—	—	0.165*[f]	mg/L	—	0.033	Y	J	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Total PFAS	PFAS-Tot-3a	N	0.0	—	70	—	ng/L	—	1.84	—	U	—	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.125	—	—	0.0822*[f]	mg/L	—	0.02	Y	—	NQ	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	3.02	—	70	—	µg/L	—	3.02	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	3.02	—	1170	—	µg/L	—	3.02	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	3.02	—	11.9	—	µg/L	—	3.02	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.171	0.876	20000	2.06*[f]	pCi/L	2.955	—	Y	U	U	N3B-2020-333	CAMO-20-189198	ARSL
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.421	—	30	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.363	0.0327	27.2	0.653*[f]	pCi/L	0.0577	—	Y	—	NQ	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0124	0.00955	28.8	0.0423*[f]	pCi/L	0.0414	—	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.153	0.0212	30	0.322*[f]	pCi/L	0.0676	—	Y	—	NQ	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.48	—	63.1	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	10000	14.4*[f]	µg/L	—	3.3	Y	U	U	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.02	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.6	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Aluminum	Al	N	19.3	—	—	68*[f]	µg/L	—	19.3	Y	U	U	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.035	—	—	0.1*[f]	mg/L	—	0.017	Y	J	J	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	N	2.0	—	—	2.7*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	23.5	—	—	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Beryllium	Be	N	0.2	—	—	1*[f]	µg/L	—	0.2	Y	U	U	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	—	18.7*[f]	µg/L	—	15.0	Y	U	U	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	—	—	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.7	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.18	—	—	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	5.15	—	—	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cobalt	Co	N	0.3	—	—	1*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Copper	Cu	N	0.3	—	—	3*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	09/24/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-3518	CAMO-19-186544	GELC

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Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.322	—	—	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	41.5	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	—	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	—	—	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	2.97	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	—	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	09/24/2019	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-3518	CAMO-19-186544	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.14	—	—	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	N	0.6	—	—	2.75*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.748	—	—	0.748*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.446	—	—	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.31	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	2.0	—	—	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.7	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	—	—	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.51	—	—	15.3*[f]	mg/L	—	0.1	Y	—	J+	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	123.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	48.9	—	—	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.83	—	—	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	09/24/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-3518	CAMO-19-186544	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	—	—	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	130.0	—	—	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	09/24/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.165*[f]	mg/L	—	0.033	Y	U	U	N3B-2019-3518	CAMO-19-186544	GELC
SIMR-2	885.0	09/24/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.375	—	—	0.982*[f]	mg/L	—	0.33	Y	J	J	N3B-2019-3518	CAMO-19-186544	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0704	—	—	0.0822*[f]	mg/L	—	0.02	Y	—	U	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.442	—	—	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Vanadium	V	Y	9.72	—	—	10.7*[f]	µg/L	—	3.3	Y	J	J	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Zinc	Zn	N	3.3	—	—	14.4*[f]	µg/L	—	3.3	Y	U	U	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	08/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.0	—	—	—	SU	—	0.01	Y	H	J-	N3B-2019-3087	CAMO-19-184745	GELC
SIMR-2	885.0	08/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	UH	U	N3B-2019-3087	CAMO-19-184745	GELC
SIMR-2	885.0	08/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.4	—	—	69.92*[f]	mg/L	—	1.45	Y	H	NQ	N3B-2019-3087	CAMO-19-184745	GELC
SIMR-2	885.0	08/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	—	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-3087	CAMO-19-184745	GELC
SIMR-2	885.0	08/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0372	—	—	0.1*[f]	mg/L	—	0.017	Y	J	J	N3B-2019-3087	CAMO-19-184745	GELC
SIMR-2	885.0	08/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-3087	CAMO-19-184745	GELC
SIMR-2	885.0	08/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.55	—	—	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-3087	CAMO-19-184745	GELC
SIMR-2	885.0	08/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	24.2	—	—	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-3087	CAMO-19-184745	GELC
SIMR-2	885.0	08/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-3087	CAMO-19-184745	GELC
SIMR-2	885.0	08/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	—	18.7*[f]	µg/L	—	15.0	Y	U	U	N3B-2019-3087	CAMO-19-184745	GELC
SIMR-2	885.0	08/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-3087	CAMO-19-184745	GELC
SIMR-2	885.0	08/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	—	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-3087	CAMO-19-184745	GELC
SIMR-2	885.0	08/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.9	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-3087	CAMO-19-184745	GELC
SIMR-2	885.0	08/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.19	—	—	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-3087	CAMO-19-184745	GELC
SIMR-2	885.0	08/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.48	—	—	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-3087	CAMO-19-184745	GELC
SIMR-2	885.0	08/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-3087	CAMO-19-184745	GELC
SIMR-2	885.0	08/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	—	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-3087	CAMO-19-184745	GELC
SIMR-2	885.0	08/21/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-3087	CAMO-19-184746	GELC
SIMR-2	885.0	08/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.334	—	—	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-3087	CAMO-19-184745	GELC
SIMR-2	885.0	08/21/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	42.8	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-3087	CAMO-19-184745	GELC
SIMR-2	885.0	08/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	—	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-3087	CAMO-19-184745	GELC
SIMR-2	885.0	08/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	—	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-3087	CAMO-19-184745	GELC
SIMR-2	885.0	08/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.15	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-3087	CAMO-19-184745	GELC
SIMR-2	885.0	08/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	—	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-3087	CAMO-19-184745	GELC
SIMR-2	885.0	08/21/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-3087	CAMO-19-184745	GELC
SIMR-2	885.0	08/21/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-3087	CAMO-19-184746	GELC
SIMR-2	885.0	08/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	1.35	—	—	2.37*[f]	µg/L	—	0.2	Y	—	U	N3B-2019-3087	CAMO-19-184745	GELC
SIMR-2	885.0	08/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.6	—	—	2.75*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-3087	CAMO-19-184745	GELC
SIMR-2	885.0	08/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.715	—	—	0.748*[f]	mg/L	—	0.085	Y	—	NQ	N3B-2019-3087	CAMO-19-184745	GELC
SIMR-2	885.0	08/21/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.427	—	—	0.412*[f]	µg/L	—	0.05	Y	—	J+	N3B-2019-3087	CAMO-19-184745	GELC
SIMR-2	885.0	08/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.46	—	—	2.357*[f]	mg/L	—	0.05	Y	—	J+	N3B-2019-3087	CAMO-19-184745	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
SIMR-2	885.0	08/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	—	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-3087	CAMO-19-184745	GELC
SIMR-2	885.0	08/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	72.7	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-3087	CAMO-19-184745	GELC
SIMR-2	885.0	08/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	—	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-3087	CAMO-19-184745	GELC
SIMR-2	885.0	08/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.1	—	—	15.3*[f]	mg/L	—	0.1	Y	—	J+	N3B-2019-3087	CAMO-19-184745	GELC
SIMR-2	885.0	08/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	114.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-3087	CAMO-19-184745	GELC
SIMR-2	885.0	08/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	49.3	—	—	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-3087	CAMO-19-184745	GELC
SIMR-2	885.0	08/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.77	—	—	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-3087	CAMO-19-184745	GELC
SIMR-2	885.0	08/21/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-3087	CAMO-19-184745	GELC
SIMR-2	885.0	08/21/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-3087	CAMO-19-184746	GELC
SIMR-2	885.0	08/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	—	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-3087	CAMO-19-184745	GELC
SIMR-2	885.0	08/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2019-3087	CAMO-19-184745	GELC
SIMR-2	885.0	08/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	166.0	—	—	159*[f]	mg/L	—	3.4	Y	—	J+	N3B-2019-3087	CAMO-19-184745	GELC
SIMR-2	885.0	08/21/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.165*[f]	mg/L	—	0.033	Y	U	U	N3B-2019-3087	CAMO-19-184746	GELC
SIMR-2	885.0	08/21/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	UH	R	N3B-2019-3087	CAMO-19-184746	GELC
SIMR-2	885.0	08/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.102	—	—	0.0822*[f]	mg/L	—	0.02	Y	—	NQ	N3B-2019-3087	CAMO-19-184745	GELC
SIMR-2	885.0	08/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.39	—	—	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-3087	CAMO-19-184745	GELC
SIMR-2	885.0	08/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.28	—	—	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-3087	CAMO-19-184745	GELC
SIMR-2	885.0	08/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	14.4*[f]	µg/L	—	3.3	Y	U	U	N3B-2019-3087	CAMO-19-184745	GELC
SIMR-2	885.0	07/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.98	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-2598	CAMO-19-181870	GELC
SIMR-2	885.0	07/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-2598	CAMO-19-181870	GELC
SIMR-2	885.0	07/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	58.8	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-2598	CAMO-19-181870	GELC
SIMR-2	885.0	07/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-2598	CAMO-19-181870	GELC
SIMR-2	885.0	07/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0568	—	—	0.1*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2019-2598	CAMO-19-181870	GELC
SIMR-2	885.0	07/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2598	CAMO-19-181870	GELC
SIMR-2	885.0	07/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.39	—	10	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-2598	CAMO-19-181870	GELC
SIMR-2	885.0	07/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	23.2	—	2000	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2598	CAMO-19-181870	GELC
SIMR-2	885.0	07/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2598	CAMO-19-181870	GELC
SIMR-2	885.0	07/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	750	18.7*[f]	µg/L	—	15.0	Y	U	U	N3B-2019-2598	CAMO-19-181870	GELC
SIMR-2	885.0	07/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-2598	CAMO-19-181870	GELC
SIMR-2	885.0	07/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-2598	CAMO-19-181870	GELC
SIMR-2	885.0	07/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.1	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-2598	CAMO-19-181870	GELC
SIMR-2	885.0	07/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.23	—	250	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-2598	CAMO-19-181870	GELC
SIMR-2	885.0	07/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.7	—	50	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-2598	CAMO-19-181870	GELC
SIMR-2	885.0	07/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2598	CAMO-19-181870	GELC
SIMR-2	885.0	07/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-2598	CAMO-19-181870	GELC
SIMR-2	885.0	07/18/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-2598	CAMO-19-181871	GELC
SIMR-2	885.0	07/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.276	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-2598	CAMO-19-181870	GELC
SIMR-2	885.0	07/18/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	42.4	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-2598	CAMO-19-181870	GELC
SIMR-2	885.0	07/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-2598	CAMO-19-181870	GELC
SIMR-2	885.0	07/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-2598	CAMO-19-181870	GELC
SIMR-2	885.0	07/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	2.94	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-2598	CAMO-19-181870	GELC
SIMR-2	885.0	07/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2598	CAMO-19-181870	GELC
SIMR-2	885.0	07/18/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-2598	CAMO-19-181870	GELC
SIMR-2	885.0	07/18/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-2598	CAMO-19-181871	GELC
SIMR-2	885.0	07/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.44	—	1000	2.37*[f]	µg/L	—	0.2	Y	—	J+	N3B-2019-2598	CAMO-19-181870	GELC
SIMR-2	885.0	07/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.6	—	200	2.75*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-2598	CAMO-19-181870	GELC
SIMR-2	885.0	07/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.683	—	10	0.748*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2019-2598	CAMO-19-181870	GELC
SIMR-2	885.0	07/18/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.458	—	13.8	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-2598	CAMO-19-181870	GELC
SIMR-2	885.0	07/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.4	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-2598	CAMO-19-181870	GELC
SIMR-2	885.0	07/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2598	CAMO-19-181870	GELC
SIMR-2	885.0	07/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.7	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-2598	CAMO-19-181870	GELC
SIMR-2	885.0	07/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-2598	CAMO-19-181870	GELC
SIMR-2	885.0	07/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.8	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-2598	CAMO-19-181870	GELC
SIMR-2	885.0	07/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	134.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-2598	CAMO-19-181870	GELC
SIMR-2	885.0	07/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	50.8	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2598	CAMO-19-181870	GELC
SIMR-2	885.0	07/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.27	—	600	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-2598	CAMO-19-181870	GELC
SIMR-2	885.0	07/18/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2598	CAMO-19-181870	GELC
SIMR-2	885.0	07/18/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2598	CAMO-19-181871	GELC
SIMR-2	885.0	07/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-2598	CAMO-19-181870	GELC
SIMR-2	885.0	07/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	12000	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2019-2598	CAMO-19-181870	GELC
SIMR-2	885.0	07/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	141.0	—	1000	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-2598	CAMO-19-181870	GELC
SIMR-2	885.0	07/18/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0362	—	—	0.165*[f]	mg/L	—	0.033	Y	J	U	N3B-2019-2598	CAMO-19-181871	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
SIMR-2	885.0	07/18/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2019-2598	CAMO-19-181871	GELC
SIMR-2	885.0	07/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0892	—	—	0.0822*[f]	mg/L	—	0.02	Y	—	NQ	N3B-2019-2598	CAMO-19-181870	GELC
SIMR-2	885.0	07/18/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.333	0.942	20000	2.06*[f]	pCi/L	3.208	—	Y	U	U	N3B-2019-2777	CAMO-19-181871	ARSL
SIMR-2	885.0	07/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.498	—	30	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-2598	CAMO-19-181870	GELC
SIMR-2	885.0	07/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.41	—	63.1	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2598	CAMO-19-181870	GELC
SIMR-2	885.0	07/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	4.65	—	10000	14.4*[f]	µg/L	—	3.3	Y	J	U	N3B-2019-2598	CAMO-19-181870	GELC
SIMR-2	885.0	06/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.97	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-2184	CAMO-19-181699	GELC
SIMR-2	885.0	06/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-2184	CAMO-19-181699	GELC
SIMR-2	885.0	06/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	60.6	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-2184	CAMO-19-181699	GELC
SIMR-2	885.0	06/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	—	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-2184	CAMO-19-181699	GELC
SIMR-2	885.0	06/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.1*[f]	mg/L	—	0.017	Y	U	U	N3B-2019-2184	CAMO-19-181699	GELC
SIMR-2	885.0	06/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2184	CAMO-19-181699	GELC
SIMR-2	885.0	06/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.78	—	—	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-2184	CAMO-19-181699	GELC
SIMR-2	885.0	06/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	23.4	—	—	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2184	CAMO-19-181699	GELC
SIMR-2	885.0	06/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2184	CAMO-19-181699	GELC
SIMR-2	885.0	06/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	—	18.7*[f]	µg/L	—	15.0	Y	U	U	N3B-2019-2184	CAMO-19-181699	GELC
SIMR-2	885.0	06/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-2184	CAMO-19-181699	GELC
SIMR-2	885.0	06/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	—	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-2184	CAMO-19-181699	GELC
SIMR-2	885.0	06/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.4	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-2184	CAMO-19-181699	GELC
SIMR-2	885.0	06/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.17	—	—	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-2184	CAMO-19-181699	GELC
SIMR-2	885.0	06/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.93	—	—	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-2184	CAMO-19-181699	GELC
SIMR-2	885.0	06/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-2184	CAMO-19-181699	GELC
SIMR-2	885.0	06/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	—	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-2184	CAMO-19-181699	GELC
SIMR-2	885.0	06/12/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-2184	CAMO-19-181700	GELC
SIMR-2	885.0	06/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.301	—	—	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-2184	CAMO-19-181699	GELC
SIMR-2	885.0	06/12/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	41.3	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-2184	CAMO-19-181699	GELC
SIMR-2	885.0	06/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	—	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-2184	CAMO-19-181699	GELC
SIMR-2	885.0	06/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	—	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-2184	CAMO-19-181699	GELC
SIMR-2	885.0	06/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.13	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-2184	CAMO-19-181699	GELC
SIMR-2	885.0	06/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	—	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2184	CAMO-19-181699	GELC
SIMR-2	885.0	06/12/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-2184	CAMO-19-181699	GELC
SIMR-2	885.0	06/12/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-2184	CAMO-19-181700	GELC
SIMR-2	885.0	06/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.11	—	—	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-2184	CAMO-19-181699	GELC
SIMR-2	885.0	06/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.6	—	—	2.75*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-2184	CAMO-19-181699	GELC
SIMR-2	885.0	06/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.71	—	—	0.748*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2019-2184	CAMO-19-181699	GELC
SIMR-2	885.0	06/12/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.429	—	—	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-2184	CAMO-19-181699	GELC
SIMR-2	885.0	06/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.36	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-2184	CAMO-19-181699	GELC
SIMR-2	885.0	06/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	—	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-2184	CAMO-19-181699	GELC
SIMR-2	885.0	06/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.6	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-2184	CAMO-19-181699	GELC
SIMR-2	885.0	06/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	—	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-2184	CAMO-19-181699	GELC
SIMR-2	885.0	06/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.66	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-2184	CAMO-19-181699	GELC
SIMR-2	885.0	06/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	159.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-2184	CAMO-19-181699	GELC
SIMR-2	885.0	06/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	49.4	—	—	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2184	CAMO-19-181699	GELC
SIMR-2	885.0	06/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.74	—	—	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-2184	CAMO-19-181699	GELC
SIMR-2	885.0	06/12/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2184	CAMO-19-181699	GELC
SIMR-2	885.0	06/12/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-2184	CAMO-19-181700	GELC
SIMR-2	885.0	06/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	—	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-2184	CAMO-19-181699	GELC
SIMR-2	885.0	06/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	17.7	—	—	13*[f]	µg/L	—	2.5	Y	—	J+	N3B-2019-2184	CAMO-19-181699	GELC
SIMR-2	885.0	06/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	159.0	—	—	159*[f]	mg/L	—	3.4	Y	—	J+	N3B-2019-2184	CAMO-19-181699	GELC
SIMR-2	885.0	06/12/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0698	—	—	0.165*[f]	mg/L	—	0.033	Y	J	U	N3B-2019-2184	CAMO-19-181700	GELC
SIMR-2	885.0	06/12/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2019-2184	CAMO-19-181700	GELC
SIMR-2	885.0	06/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0598	—	—	0.0822*[f]	mg/L	—	0.02	Y	—	U	N3B-2019-2184	CAMO-19-181699	GELC
SIMR-2	885.0	06/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.444	—	—	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-2184	CAMO-19-181699	GELC
SIMR-2	885.0	06/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.42	—	—	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-2184	CAMO-19-181699	GELC
SIMR-2	885.0	06/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	4.13	—	—	14.4*[f]	µg/L	—	3.3	Y	J	J	N3B-2019-2184	CAMO-19-181699	GELC
SIMR-2	885.0	05/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.84	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-1989	CAMO-19-175175	GELC
SIMR-2	885.0	05/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-1989	CAMO-19-175175	GELC
SIMR-2	885.0	05/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.6	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-1989	CAMO-19-175175	GELC
SIMR-2	885.0	05/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-1989	CAMO-19-175175	GELC
SIMR-2	885.0	05/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0271	—	—	0.1*[f]	mg/L	—	0.017	Y	J	J	N3B-2019-1989	CAMO-19-175175	GELC
SIMR-2	885.0	05/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1989	CAMO-19-175175	GELC
SIMR-2	885.0	05/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.57	—	10	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-1989	CAMO-19-175175	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
SIMR-2	885.0	05/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	21.9	—	2000	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1989	CAMO-19-175175	GELC
SIMR-2	885.0	05/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1989	CAMO-19-175175	GELC
SIMR-2	885.0	05/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	750	18.7*[f]	µg/L	—	15.0	Y	U	U	N3B-2019-1989	CAMO-19-175175	GELC
SIMR-2	885.0	05/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-1989	CAMO-19-175175	GELC
SIMR-2	885.0	05/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-1989	CAMO-19-175175	GELC
SIMR-2	885.0	05/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.9	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-1989	CAMO-19-175175	GELC
SIMR-2	885.0	05/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.14	—	250	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-1989	CAMO-19-175175	GELC
SIMR-2	885.0	05/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.26	—	50	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-1989	CAMO-19-175175	GELC
SIMR-2	885.0	05/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1989	CAMO-19-175175	GELC
SIMR-2	885.0	05/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-1989	CAMO-19-175175	GELC
SIMR-2	885.0	05/21/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-1962	CAMO-19-175176	GELC
SIMR-2	885.0	05/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.3	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-1989	CAMO-19-175175	GELC
SIMR-2	885.0	05/21/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	39.3	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-1989	CAMO-19-175175	GELC
SIMR-2	885.0	05/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-1989	CAMO-19-175175	GELC
SIMR-2	885.0	05/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-1989	CAMO-19-175175	GELC
SIMR-2	885.0	05/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	2.95	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-1989	CAMO-19-175175	GELC
SIMR-2	885.0	05/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1989	CAMO-19-175175	GELC
SIMR-2	885.0	05/21/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-1989	CAMO-19-175175	GELC
SIMR-2	885.0	05/21/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-1989	CAMO-19-175176	GELC
SIMR-2	885.0	05/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.06	—	1000	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-1989	CAMO-19-175175	GELC
SIMR-2	885.0	05/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.6	—	200	2.75*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-1989	CAMO-19-175175	GELC
SIMR-2	885.0	05/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.725	—	10	0.748*[f]	mg/L	—	0.085	Y	—	NQ	N3B-2019-1989	CAMO-19-175175	GELC
SIMR-2	885.0	05/21/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.532	—	13.8	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-1989	CAMO-19-175175	GELC
SIMR-2	885.0	05/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.34	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-1989	CAMO-19-175175	GELC
SIMR-2	885.0	05/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1989	CAMO-19-175175	GELC
SIMR-2	885.0	05/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.4	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-1989	CAMO-19-175175	GELC
SIMR-2	885.0	05/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-1989	CAMO-19-175175	GELC
SIMR-2	885.0	05/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.38	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-1989	CAMO-19-175175	GELC
SIMR-2	885.0	05/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	135.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-1989	CAMO-19-175175	GELC
SIMR-2	885.0	05/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	47.8	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1989	CAMO-19-175175	GELC
SIMR-2	885.0	05/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.68	—	600	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-1989	CAMO-19-175175	GELC
SIMR-2	885.0	05/21/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1962	CAMO-19-175176	GELC
SIMR-2	885.0	05/21/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1989	CAMO-19-175175	GELC
SIMR-2	885.0	05/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-1989	CAMO-19-175175	GELC
SIMR-2	885.0	05/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	11.4	—	12000	13*[f]	µg/L	—	2.5	Y	—	NQ	N3B-2019-1989	CAMO-19-175175	GELC
SIMR-2	885.0	05/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	184.0	—	1000	159*[f]	mg/L	—	3.4	Y	H	NQ	N3B-2019-1989	CAMO-19-175175	GELC
SIMR-2	885.0	05/21/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0639	—	—	0.165*[f]	mg/L	—	0.033	Y	J	J	N3B-2019-1989	CAMO-19-175176	GELC
SIMR-2	885.0	05/21/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2019-1989	CAMO-19-175176	GELC
SIMR-2	885.0	05/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0319	—	—	0.0822*[f]	mg/L	—	0.02	Y	J	J	N3B-2019-1989	CAMO-19-175175	GELC
SIMR-2	885.0	05/21/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.907	0.726	20000	2.06*[f]	pCi/L	2.468	—	Y	U	U	N3B-2019-1983	CAMO-19-175176	ARSL
SIMR-2	885.0	05/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.42	—	30	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-1989	CAMO-19-175175	GELC
SIMR-2	885.0	05/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.23	—	63.1	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1989	CAMO-19-175175	GELC
SIMR-2	885.0	05/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	6.66	—	10000	14.4*[f]	µg/L	—	3.3	Y	J	U	N3B-2019-1989	CAMO-19-175175	GELC
SIMR-2	885.0	04/29/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.98	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-1636	CAMO-19-174836	GELC
SIMR-2	885.0	04/29/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-1636	CAMO-19-174836	GELC
SIMR-2	885.0	04/29/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.8	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-1636	CAMO-19-174836	GELC
SIMR-2	885.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	—	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-1636	CAMO-19-174836	GELC
SIMR-2	885.0	04/29/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0243	—	—	0.1*[f]	mg/L	—	0.017	Y	J	U	N3B-2019-1636	CAMO-19-174836	GELC
SIMR-2	885.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1636	CAMO-19-174836	GELC
SIMR-2	885.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	2.0	—	—	2.7*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1636	CAMO-19-174836	GELC
SIMR-2	885.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	24.2	—	—	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1636	CAMO-19-174836	GELC
SIMR-2	885.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1636	CAMO-19-174836	GELC
SIMR-2	885.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	—	18.7*[f]	µg/L	—	15.0	Y	U	U	N3B-2019-1636	CAMO-19-174836	GELC
SIMR-2	885.0	04/29/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-1636	CAMO-19-174836	GELC
SIMR-2	885.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	—	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-1636	CAMO-19-174836	GELC
SIMR-2	885.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.8	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-1636	CAMO-19-174836	GELC
SIMR-2	885.0	04/29/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.35	—	—	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-1636	CAMO-19-174836	GELC
SIMR-2	885.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.84	—	—	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-1636	CAMO-19-174836	GELC
SIMR-2	885.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1636	CAMO-19-174836	GELC
SIMR-2	885.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	—	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-1636	CAMO-19-174836	GELC
SIMR-2	885.0	04/29/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-1636	CAMO-19-174835	GELC
SIMR-2	885.0	04/29/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.421	—	—	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-1636	CAMO-19-174836	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
SIMR-2	885.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	43.5	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-1636	CAMO-19-174836	GELC
SIMR-2	885.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	—	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-1636	CAMO-19-174836	GELC
SIMR-2	885.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	—	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-1636	CAMO-19-174836	GELC
SIMR-2	885.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.39	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-1636	CAMO-19-174836	GELC
SIMR-2	885.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	—	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1636	CAMO-19-174836	GELC
SIMR-2	885.0	04/29/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-1636	CAMO-19-174835	GELC
SIMR-2	885.0	04/29/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-1636	CAMO-19-174836	GELC
SIMR-2	885.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.08	—	—	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-1636	CAMO-19-174836	GELC
SIMR-2	885.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.6	—	—	2.75*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-1636	CAMO-19-174836	GELC
SIMR-2	885.0	04/29/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.73	—	—	0.748*[f]	mg/L	—	0.085	Y	—	NQ	N3B-2019-1636	CAMO-19-174836	GELC
SIMR-2	885.0	04/29/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.434	—	—	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-1636	CAMO-19-174836	GELC
SIMR-2	885.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.46	—	—	2.357*[f]	mg/L	—	0.05	Y	—	J+	N3B-2019-1636	CAMO-19-174836	GELC
SIMR-2	885.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	—	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1636	CAMO-19-174836	GELC
SIMR-2	885.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.1	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-1636	CAMO-19-174836	GELC
SIMR-2	885.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	—	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-1636	CAMO-19-174836	GELC
SIMR-2	885.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.1	—	—	15.3*[f]	mg/L	—	0.1	Y	—	J+	N3B-2019-1636	CAMO-19-174836	GELC
SIMR-2	885.0	04/29/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	135.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-1636	CAMO-19-174836	GELC
SIMR-2	885.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	51.8	—	—	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1636	CAMO-19-174836	GELC
SIMR-2	885.0	04/29/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.01	—	—	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-1636	CAMO-19-174836	GELC
SIMR-2	885.0	04/29/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1636	CAMO-19-174835	GELC
SIMR-2	885.0	04/29/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1636	CAMO-19-174836	GELC
SIMR-2	885.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	—	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-1636	CAMO-19-174836	GELC
SIMR-2	885.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	7.27	—	—	13*[f]	µg/L	—	2.5	Y	J	U	N3B-2019-1636	CAMO-19-174836	GELC
SIMR-2	885.0	04/29/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	78.6	—	—	159*[f]	mg/L	—	3.4	Y	—	J+	N3B-2019-1636	CAMO-19-174836	GELC
SIMR-2	885.0	04/29/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.165*[f]	mg/L	—	0.033	Y	U	U	N3B-2019-1636	CAMO-19-174835	GELC
SIMR-2	885.0	04/29/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2019-1636	CAMO-19-174835	GELC
SIMR-2	885.0	04/29/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0573	—	—	0.0822*[f]	mg/L	—	0.02	Y	—	U	N3B-2019-1636	CAMO-19-174836	GELC
SIMR-2	885.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.448	—	—	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-1636	CAMO-19-174836	GELC
SIMR-2	885.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.91	—	—	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1636	CAMO-19-174836	GELC
SIMR-2	885.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	14.4*[f]	µg/L	—	3.3	Y	U	U	N3B-2019-1636	CAMO-19-174836	GELC
SIMR-2	885.0	03/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.98	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-1230	CAMO-19-167716	GELC
SIMR-2	885.0	03/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-1230	CAMO-19-167716	GELC
SIMR-2	885.0	03/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	60.2	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-1230	CAMO-19-167716	GELC
SIMR-2	885.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	—	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-1230	CAMO-19-167716	GELC
SIMR-2	885.0	03/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0387	—	—	0.1*[f]	mg/L	—	0.017	Y	J	J	N3B-2019-1230	CAMO-19-167716	GELC
SIMR-2	885.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1230	CAMO-19-167716	GELC
SIMR-2	885.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.22	—	—	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-1230	CAMO-19-167716	GELC
SIMR-2	885.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	23.5	—	—	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1230	CAMO-19-167716	GELC
SIMR-2	885.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1230	CAMO-19-167716	GELC
SIMR-2	885.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	—	18.7*[f]	µg/L	—	15.0	Y	U	U	N3B-2019-1230	CAMO-19-167716	GELC
SIMR-2	885.0	03/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-1230	CAMO-19-167716	GELC
SIMR-2	885.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	—	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-1230	CAMO-19-167716	GELC
SIMR-2	885.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.1	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-1230	CAMO-19-167716	GELC
SIMR-2	885.0	03/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.1	—	—	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-1230	CAMO-19-167716	GELC
SIMR-2	885.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.61	—	—	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-1230	CAMO-19-167716	GELC
SIMR-2	885.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-1230	CAMO-19-167716	GELC
SIMR-2	885.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	—	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-1230	CAMO-19-167716	GELC
SIMR-2	885.0	03/21/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-1230	CAMO-19-167717	GELC
SIMR-2	885.0	03/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.181	—	—	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-1230	CAMO-19-167716	GELC
SIMR-2	885.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	42.8	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-1230	CAMO-19-167716	GELC
SIMR-2	885.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	—	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-1230	CAMO-19-167716	GELC
SIMR-2	885.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	—	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-1230	CAMO-19-167716	GELC
SIMR-2	885.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.05	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-1230	CAMO-19-167716	GELC
SIMR-2	885.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	—	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1230	CAMO-19-167716	GELC
SIMR-2	885.0	03/21/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-1230	CAMO-19-167716	GELC
SIMR-2	885.0	03/21/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-1230	CAMO-19-167717	GELC
SIMR-2	885.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.31	—	—	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-1230	CAMO-19-167716	GELC
SIMR-2	885.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.6	—	—	2.75*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-1230	CAMO-19-167716	GELC
SIMR-2	885.0	03/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.719	—	—	0.748*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2019-1230	CAMO-19-167716	GELC
SIMR-2	885.0	03/21/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.4	—	—	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-1230	CAMO-19-167716	GELC
SIMR-2	885.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.25	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-1230	CAMO-19-167716	GELC
SIMR-2	885.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	—	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-1230	CAMO-19-167716	GELC

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Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
SIMR-2	885.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.6	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-1230	CAMO-19-167716	GELC
SIMR-2	885.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	—	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-1230	CAMO-19-167716	GELC
SIMR-2	885.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.86	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-1230	CAMO-19-167716	GELC
SIMR-2	885.0	03/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	135.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-1230	CAMO-19-167716	GELC
SIMR-2	885.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	51.0	—	—	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1230	CAMO-19-167716	GELC
SIMR-2	885.0	03/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.73	—	—	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-1230	CAMO-19-167716	GELC
SIMR-2	885.0	03/21/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1230	CAMO-19-167716	GELC
SIMR-2	885.0	03/21/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-1230	CAMO-19-167717	GELC
SIMR-2	885.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	—	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-1230	CAMO-19-167716	GELC
SIMR-2	885.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2019-1230	CAMO-19-167716	GELC
SIMR-2	885.0	03/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	98.6	—	—	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-1230	CAMO-19-167716	GELC
SIMR-2	885.0	03/21/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.165*[f]	mg/L	—	0.033	Y	U	U	N3B-2019-1230	CAMO-19-167717	GELC
SIMR-2	885.0	03/21/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2019-1230	CAMO-19-167717	GELC
SIMR-2	885.0	03/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0779	—	—	0.0822*[f]	mg/L	—	0.02	Y	—	NQ	N3B-2019-1230	CAMO-19-167716	GELC
SIMR-2	885.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.473	—	—	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-1230	CAMO-19-167716	GELC
SIMR-2	885.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.98	—	—	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-1230	CAMO-19-167716	GELC
SIMR-2	885.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	14.4*[f]	µg/L	—	3.3	Y	U	U	N3B-2019-1230	CAMO-19-167716	GELC
SIMR-2	885.0	02/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.85	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-930	CAMO-19-166469	GELC
SIMR-2	885.0	02/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-930	CAMO-19-166469	GELC
SIMR-2	885.0	02/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	59.8	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-930	CAMO-19-166469	GELC
SIMR-2	885.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	—	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-930	CAMO-19-166469	GELC
SIMR-2	885.0	02/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.043	—	—	0.1*[f]	mg/L	—	0.017	Y	J	U	N3B-2019-930	CAMO-19-166469	GELC
SIMR-2	885.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-930	CAMO-19-166469	GELC
SIMR-2	885.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.41	—	—	2.7*[f]	µg/L	—	2.0	Y	J	J	N3B-2019-930	CAMO-19-166469	GELC
SIMR-2	885.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	23.8	—	—	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-930	CAMO-19-166469	GELC
SIMR-2	885.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-930	CAMO-19-166469	GELC
SIMR-2	885.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15.0	—	—	18.7*[f]	µg/L	—	15.0	Y	U	U	N3B-2019-930	CAMO-19-166469	GELC
SIMR-2	885.0	02/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-930	CAMO-19-166469	GELC
SIMR-2	885.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	—	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-930	CAMO-19-166469	GELC
SIMR-2	885.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.1	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-930	CAMO-19-166469	GELC
SIMR-2	885.0	02/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.11	—	—	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-930	CAMO-19-166469	GELC
SIMR-2	885.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.71	—	—	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-930	CAMO-19-166469	GELC
SIMR-2	885.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	—	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-930	CAMO-19-166469	GELC
SIMR-2	885.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	—	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-930	CAMO-19-166469	GELC
SIMR-2	885.0	02/14/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-930	CAMO-19-166470	GELC
SIMR-2	885.0	02/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.26	—	—	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-930	CAMO-19-166469	GELC
SIMR-2	885.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	44.7	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-930	CAMO-19-166469	GELC
SIMR-2	885.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	—	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-930	CAMO-19-166469	GELC
SIMR-2	885.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	—	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-930	CAMO-19-166469	GELC
SIMR-2	885.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.5	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-930	CAMO-19-166469	GELC
SIMR-2	885.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	—	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-930	CAMO-19-166469	GELC
SIMR-2	885.0	02/14/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-930	CAMO-19-166469	GELC
SIMR-2	885.0	02/14/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-930	CAMO-19-166470	GELC
SIMR-2	885.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.12	—	—	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-930	CAMO-19-166469	GELC
SIMR-2	885.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.39	—	—	2.75*[f]	µg/L	—	0.6	Y	—	NQ	N3B-2019-930	CAMO-19-166469	GELC
SIMR-2	885.0	02/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.714	—	—	0.748*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2019-930	CAMO-19-166469	GELC
SIMR-2	885.0	02/14/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.413	—	—	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-930	CAMO-19-166469	GELC
SIMR-2	885.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.45	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-930	CAMO-19-166469	GELC
SIMR-2	885.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	—	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-930	CAMO-19-166469	GELC
SIMR-2	885.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.7	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-930	CAMO-19-166469	GELC
SIMR-2	885.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	—	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-930	CAMO-19-166469	GELC
SIMR-2	885.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.3	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-930	CAMO-19-166469	GELC
SIMR-2	885.0	02/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	131.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-930	CAMO-19-166469	GELC
SIMR-2	885.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	52.8	—	—	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-930	CAMO-19-166469	GELC
SIMR-2	885.0	02/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.71	—	—	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-930	CAMO-19-166469	GELC
SIMR-2	885.0	02/14/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-930	CAMO-19-166469	GELC
SIMR-2	885.0	02/14/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-930	CAMO-19-166470	GELC
SIMR-2	885.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	—	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-930	CAMO-19-166469	GELC
SIMR-2	885.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2019-930	CAMO-19-166469	GELC
SIMR-2	885.0	02/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	109.0	—	—	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-930	CAMO-19-166469	GELC
SIMR-2	885.0	02/14/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.165*[f]	mg/L	—	0.033	Y	U	U	N3B-2019-930	CAMO-19-166470	GELC
SIMR-2	885.0	02/14/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2019-930	CAMO-19-166470	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected Flag	Report Result	Lab Uncertainty	Screening Value	Background	Report Unit	MDA	MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
SIMR-2	885.0	02/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0305	—	—	0.0822*[f]	mg/L	—	0.02	Y	J	J	N3B-2019-930	CAMO-19-166469	GELC
SIMR-2	885.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.444	—	—	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-930	CAMO-19-166469	GELC
SIMR-2	885.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.05	—	—	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-930	CAMO-19-166469	GELC
SIMR-2	885.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	3.36	—	—	14.4*[f]	µg/L	—	3.3	Y	J	J	N3B-2019-930	CAMO-19-166469	GELC
SIMR-2	885.0	01/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.9	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2019-783	CAMO-19-165994	GELC
SIMR-2	885.0	01/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2019-783	CAMO-19-165994	GELC
SIMR-2	885.0	01/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	60.0	—	—	69.92*[f]	mg/L	—	1.45	Y	—	NQ	N3B-2019-783	CAMO-19-165994	GELC
SIMR-2	885.0	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*[f]	µg/L	—	68.0	Y	U	U	N3B-2019-783	CAMO-19-165994	GELC
SIMR-2	885.0	01/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0676	—	—	0.1*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2019-783	CAMO-19-165994	GELC
SIMR-2	885.0	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	1.0	—	6	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-783	CAMO-19-165994	GELC
SIMR-2	885.0	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	2.0	—	10	2.7*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-783	CAMO-19-165994	GELC
SIMR-2	885.0	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	24.4	—	2000	37.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-783	CAMO-19-165994	GELC
SIMR-2	885.0	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-783	CAMO-19-165994	GELC
SIMR-2	885.0	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	15.6	—	750	18.7*[f]	µg/L	—	15.0	Y	J	J	N3B-2019-783	CAMO-19-165994	GELC
SIMR-2	885.0	01/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*[f]	mg/L	—	0.067	Y	U	U	N3B-2019-783	CAMO-19-165994	GELC
SIMR-2	885.0	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	0.3	—	5	0.11*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-783	CAMO-19-165994	GELC
SIMR-2	885.0	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.6	—	—	14.5*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-783	CAMO-19-165994	GELC
SIMR-2	885.0	01/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.11	—	250	2.61*[f]	mg/L	—	0.067	Y	—	NQ	N3B-2019-783	CAMO-19-165994	GELC
SIMR-2	885.0	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.05	—	50	6.6*[f]	µg/L	—	3.0	Y	J	J	N3B-2019-783	CAMO-19-165994	GELC
SIMR-2	885.0	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*[f]	µg/L	—	1.0	Y	U	U	N3B-2019-783	CAMO-19-165994	GELC
SIMR-2	885.0	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*[f]	µg/L	—	3.0	Y	U	U	N3B-2019-783	CAMO-19-165994	GELC
SIMR-2	885.0	01/17/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	200	0.0017*[f]	mg/L	—	0.00167	Y	U	U	N3B-2019-783	CAMO-19-165995	GELC
SIMR-2	885.0	01/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.281	—	1.6	0.382*[f]	mg/L	—	0.033	Y	—	NQ	N3B-2019-783	CAMO-19-165994	GELC
SIMR-2	885.0	01/17/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	44.7	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2019-783	CAMO-19-165994	GELC
SIMR-2	885.0	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	1000	53.8*[f]	µg/L	—	30.0	Y	U	U	N3B-2019-783	CAMO-19-165994	GELC
SIMR-2	885.0	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	15	0.5*[f]	µg/L	—	0.5	Y	U	U	N3B-2019-783	CAMO-19-165994	GELC
SIMR-2	885.0	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.21	—	—	4.11*[f]	mg/L	—	0.11	Y	—	NQ	N3B-2019-783	CAMO-19-165994	GELC
SIMR-2	885.0	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	—	200	12.1*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-783	CAMO-19-165994	GELC
SIMR-2	885.0	01/17/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-783	CAMO-19-165994	GELC
SIMR-2	885.0	01/17/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	2	0.067*[f]	µg/L	—	0.067	Y	U	U	N3B-2019-783	CAMO-19-165995	GELC
SIMR-2	885.0	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.13	—	1000	2.37*[f]	µg/L	—	0.2	Y	—	NQ	N3B-2019-783	CAMO-19-165994	GELC
SIMR-2	885.0	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.6	—	200	2.75*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-783	CAMO-19-165994	GELC
SIMR-2	885.0	01/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.672	—	10	0.748*[f]	mg/L	—	0.017	Y	—	NQ	N3B-2019-783	CAMO-19-165994	GELC
SIMR-2	885.0	01/17/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.477	—	13.8	0.412*[f]	µg/L	—	0.05	Y	—	NQ	N3B-2019-783	CAMO-19-165994	GELC
SIMR-2	885.0	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.43	—	—	2.357*[f]	mg/L	—	0.05	Y	—	NQ	N3B-2019-783	CAMO-19-165994	GELC
SIMR-2	885.0	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.0	—	50	1.5*[f]	µg/L	—	2.0	Y	U	U	N3B-2019-783	CAMO-19-165994	GELC
SIMR-2	885.0	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.8	—	—	80.7*[f]	mg/L	—	0.053	Y	—	NQ	N3B-2019-783	CAMO-19-165994	GELC
SIMR-2	885.0	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Silver	Ag	N	0.3	—	50	0.2*[f]	µg/L	—	0.3	Y	U	U	N3B-2019-783	CAMO-19-165994	GELC
SIMR-2	885.0	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.3	—	—	15.3*[f]	mg/L	—	0.1	Y	—	NQ	N3B-2019-783	CAMO-19-165994	GELC
SIMR-2	885.0	01/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	132.0	—	—	—	µS/cm	—	1.0	Y	—	NQ	N3B-2019-783	CAMO-19-165994	GELC
SIMR-2	885.0	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	53.4	—	11800	74.4*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-783	CAMO-19-165994	GELC
SIMR-2	885.0	01/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.61	—	600	4.51*[f]	mg/L	—	0.133	Y	—	NQ	N3B-2019-783	CAMO-19-165994	GELC
SIMR-2	885.0	01/17/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-783	CAMO-19-165994	GELC
SIMR-2	885.0	01/17/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	—	deg C	—	—	Y	—	NQ	N3B-2019-783	CAMO-19-165995	GELC
SIMR-2	885.0	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	2	0.45*[f]	µg/L	—	0.6	Y	U	U	N3B-2019-783	CAMO-19-165994	GELC
SIMR-2	885.0	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	12000	13*[f]	µg/L	—	2.5	Y	U	U	N3B-2019-783	CAMO-19-165994	GELC
SIMR-2	885.0	01/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	77.1	—	1000	159*[f]	mg/L	—	3.4	Y	—	NQ	N3B-2019-783	CAMO-19-165994	GELC
SIMR-2	885.0	01/17/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.165*[f]	mg/L	—	0.033	Y	U	U	N3B-2019-783	CAMO-19-165995	GELC
SIMR-2	885.0	01/17/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.982*[f]	mg/L	—	0.33	Y	U	U	N3B-2019-783	CAMO-19-165995	GELC
SIMR-2	885.0	01/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0249	—	—	0.0822*[f]	mg/L	—	0.02	Y	J	U	N3B-2019-783	CAMO-19-165994	GELC
SIMR-2	885.0	01/17/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.726	0.901	20000	2.06*[f]	pCi/L	2.986	—	Y	U	U	N3B-2019-836	CAMO-19-165995	ARSL
SIMR-2	885.0	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.504	—	30	1.06*[f]	µg/L	—	0.067	Y	—	NQ	N3B-2019-783	CAMO-19-165994	GELC
SIMR-2	885.0	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.11	—	63.1	10.7*[f]	µg/L	—	1.0	Y	—	NQ	N3B-2019-783	CAMO-19-165994	GELC
SIMR-2	885.0	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	10000	14.4*[f]	µg/L	—	3.3	Y	U	U	N3B-2019-783	CAMO-19-165994	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
MCOI-5	689.0	01/12/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.74	—	—	0.01	SU	Y	H	NQ	2018-1459	CAMO-18-150793	GELC
MCOI-5	689.0	05/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.84	—	—	0.01	SU	Y	H	NQ	2018-2538	CAMO-18-153977	GELC
MCOI-5	689.0	07/12/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.85	—	—	0.01	SU	Y	H	NQ	N3B-2018-2919	CAMO-18-159786	GELC
MCOI-5	689.0	11/09/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	9.05	—	—	0.01	SU	Y	H	NQ	N3B-2019-437	CAMO-19-163967	GELC
MCOI-5	689.0	01/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.88	—	—	0.01	SU	Y	H	NQ	N3B-2019-751	CAMO-19-165956	GELC
MCOI-5	689.0	05/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	9.07	—	—	0.01	SU	Y	H	NQ	N3B-2019-1823	CAMO-19-175108	GELC
MCOI-5	689.0	07/24/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.91	—	—	0.01	SU	Y	H	NQ	N3B-2019-2645	CAMO-19-181822	GELC
MCOI-5	689.0	01/12/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	8.8	—	—	1.45	mg/L	Y	—	NQ	2018-1459	CAMO-18-150793	GELC
MCOI-5	689.0	05/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	10.4	—	—	1.45	mg/L	Y	—	NQ	2018-2538	CAMO-18-153977	GELC
MCOI-5	689.0	07/12/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	11.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2018-2919	CAMO-18-159786	GELC
MCOI-5	689.0	11/09/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	17.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-437	CAMO-19-163967	GELC
MCOI-5	689.0	01/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	10	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-751	CAMO-19-165956	GELC
MCOI-5	689.0	05/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	17.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-1823	CAMO-19-175108	GELC
MCOI-5	689.0	07/24/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	11.1	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-2645	CAMO-19-181822	GELC
MCOI-5	689.0	01/12/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	56.8	—	—	1.45	mg/L	Y	—	NQ	2018-1459	CAMO-18-150793	GELC
MCOI-5	689.0	05/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	54	—	—	1.45	mg/L	Y	—	NQ	2018-2538	CAMO-18-153977	GELC
MCOI-5	689.0	07/12/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	60.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2018-2919	CAMO-18-159786	GELC
MCOI-5	689.0	11/09/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	57.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-437	CAMO-19-163967	GELC
MCOI-5	689.0	01/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	57.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-751	CAMO-19-165956	GELC
MCOI-5	689.0	05/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	54.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-1823	CAMO-19-175108	GELC
MCOI-5	689.0	07/24/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-2645	CAMO-19-181822	GELC
MCOI-5	689.0	01/12/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0369	—	—	0.017	mg/L	Y	J	U	2018-1459	CAMO-18-150793	GELC
MCOI-5	689.0	05/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.017	mg/L	Y	U	U	2018-2538	CAMO-18-153977	GELC
MCOI-5	689.0	07/12/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0496	—	—	0.017	mg/L	Y	J	U	N3B-2018-2919	CAMO-18-159786	GELC
MCOI-5	689.0	11/09/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0296	—	—	0.017	mg/L	Y	J	U	N3B-2019-437	CAMO-19-163967	GELC
MCOI-5	689.0	01/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0517	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-751	CAMO-19-165956	GELC
MCOI-5	689.0	01/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	2018-1459	CAMO-18-150793	GELC
MCOI-5	689.0	05/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	2018-2538	CAMO-18-153977	GELC
MCOI-5	689.0	07/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.78	—	—	2	µg/L	Y	J	J	N3B-2018-2919	CAMO-18-159786	GELC
MCOI-5	689.0	11/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	4.07	—	—	2	µg/L	Y	J	J	N3B-2019-437	CAMO-19-163967	GELC
MCOI-5	689.0	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.9	—	—	2	µg/L	Y	J	J	N3B-2019-751	CAMO-19-165956	GELC
MCOI-5	689.0	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.32	—	—	2	µg/L	Y	J	J	N3B-2019-1823	CAMO-19-175108	GELC
MCOI-5	689.0	07/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.85	—	—	2	µg/L	Y	J	J	N3B-2019-2645	CAMO-19-181822	GELC
MCOI-5	689.0	01/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	33.2	—	—	1	µg/L	Y	—	NQ	2018-1459	CAMO-18-150793	GELC
MCOI-5	689.0	05/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	35.1	—	—	1	µg/L	Y	—	NQ	2018-2538	CAMO-18-153977	GELC
MCOI-5	689.0	07/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	32	—	—	1	µg/L	Y	—	NQ	N3B-2018-2919	CAMO-18-159786	GELC
MCOI-5	689.0	11/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	30.8	—	—	1	µg/L	Y	—	NQ	N3B-2019-437	CAMO-19-163967	GELC
MCOI-5	689.0	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	34.1	—	—	1	µg/L	Y	—	NQ	N3B-2019-751	CAMO-19-165956	GELC
MCOI-5	689.0	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	30.9	—	—	1	µg/L	Y	—	NQ	N3B-2019-1823	CAMO-19-175108	GELC
MCOI-5	689.0	07/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	36.6	—	—	1	µg/L	Y	—	NQ	N3B-2019-2645	CAMO-19-181822	GELC
MCOI-5	689.0	01/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	21.3	—	—	15	µg/L	Y	J	J	2018-1459	CAMO-18-150793	GELC
MCOI-5	689.0	05/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	21.1	—	—	15	µg/L	Y	J	J	2018-2538	CAMO-18-153977	GELC
MCOI-5	689.0	07/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	21.6	—	—	15	µg/L	Y	J	J	N3B-2018-2919	CAMO-18-159786	GELC
MCOI-5	689.0	11/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	23.7	—	—	15	µg/L	Y	J	J	N3B-2019-437	CAMO-19-163967	GELC
MCOI-5	689.0	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	23.4	—	—	15	µg/L	Y	J	J	N3B-2019-751	CAMO-19-165956	GELC
MCOI-5	689.0	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	22.7	—	—	15	µg/L	Y	J	J	N3B-2019-1823	CAMO-19-175108	GELC
MCOI-5	689.0	07/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	22.3	—	—	15	µg/L	Y	J	J	N3B-2019-2645	CAMO-19-181822	GELC
MCOI-5	689.0	01/12/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.225	—	—	0.067	mg/L	Y	—	NQ	2018-1459	CAMO-18-150793	GELC
MCOI-5	689.0	05/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.242	—	—	0.067	mg/L	Y	—	NQ	2018-2538	CAMO-18-153977	GELC
MCOI-5	689.0	07/12/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.232	—	—	0.067	mg/L	Y	—	NQ	N3B-2018-2919	CAMO-18-159786	GELC
MCOI-5	689.0	11/09/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.241	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-437	CAMO-19-163967	GELC
MCOI-5	689.0	01/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.237	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-751	CAMO-19-165956	GELC
MCOI-5	689.0	05/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.254	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-1823	CAMO-19-175108	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
MCOI-5	689.0	07/24/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.256	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-2645	CAMO-19-181822	GELC
MCOI-5	689.0	01/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	40.6	—	—	0.05	mg/L	Y	—	NQ	2018-1459	CAMO-18-150793	GELC
MCOI-5	689.0	05/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	39.4	—	—	0.05	mg/L	Y	—	NQ	2018-2538	CAMO-18-153977	GELC
MCOI-5	689.0	07/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	37.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-2919	CAMO-18-159786	GELC
MCOI-5	689.0	11/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	35.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-437	CAMO-19-163967	GELC
MCOI-5	689.0	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	37	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-751	CAMO-19-165956	GELC
MCOI-5	689.0	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	30.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1823	CAMO-19-175108	GELC
MCOI-5	689.0	07/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	36.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2645	CAMO-19-181822	GELC
MCOI-5	689.0	01/12/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	14.8	—	—	0.134	mg/L	Y	—	NQ	2018-1459	CAMO-18-150793	GELC
MCOI-5	689.0	05/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	15.7	—	—	0.134	mg/L	Y	—	NQ	2018-2538	CAMO-18-153977	GELC
MCOI-5	689.0	07/12/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	15.4	—	—	0.335	mg/L	Y	—	NQ	N3B-2018-2919	CAMO-18-159786	GELC
MCOI-5	689.0	11/09/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	16.8	—	—	0.134	mg/L	Y	—	NQ	N3B-2019-437	CAMO-19-163967	GELC
MCOI-5	689.0	01/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	18.1	—	—	0.134	mg/L	Y	—	NQ	N3B-2019-751	CAMO-19-165956	GELC
MCOI-5	689.0	05/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	18	—	—	0.134	mg/L	Y	—	NQ	N3B-2019-1823	CAMO-19-175108	GELC
MCOI-5	689.0	07/24/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	18.8	—	—	0.335	mg/L	Y	—	J-	N3B-2019-2645	CAMO-19-181822	GELC
MCOI-5	689.0	01/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	8.12	—	—	3	µg/L	Y	J	J	2018-1459	CAMO-18-150793	GELC
MCOI-5	689.0	05/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.74	—	—	3	µg/L	Y	J	J	2018-2538	CAMO-18-153977	GELC
MCOI-5	689.0	07/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	6.71	—	—	3	µg/L	Y	J	J	N3B-2018-2919	CAMO-18-159786	GELC
MCOI-5	689.0	11/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	15	—	—	15	µg/L	Y	U	U	N3B-2019-437	CAMO-19-163967	GELC
MCOI-5	689.0	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	11.2	—	—	3	µg/L	Y	—	NQ	N3B-2019-751	CAMO-19-165956	GELC
MCOI-5	689.0	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	10.9	—	—	3	µg/L	Y	—	NQ	N3B-2019-1823	CAMO-19-175108	GELC
MCOI-5	689.0	07/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	13	—	—	3	µg/L	Y	—	NQ	N3B-2019-2645	CAMO-19-181822	GELC
MCOI-5	689.0	01/12/2018	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00459	—	—	0.00167	mg/L	Y	J	J	2018-1459	CAMO-18-150794	GELC
MCOI-5	689.0	05/10/2018	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00637	—	—	0.00167	mg/L	Y	—	NQ	2018-2538	CAMO-18-153978	GELC
MCOI-5	689.0	07/12/2018	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00353	—	—	0.00167	mg/L	Y	J	J	N3B-2018-2919	CAMO-18-159787	GELC
MCOI-5	689.0	11/09/2018	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00245	—	—	0.00167	mg/L	Y	J	J	N3B-2019-437	CAMO-19-163968	GELC
MCOI-5	689.0	01/11/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00438	—	—	0.00167	mg/L	Y	J	J	N3B-2019-751	CAMO-19-165957	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00301	—	—	0.00167	mg/L	Y	J	J	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	07/24/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00204	—	—	0.00167	mg/L	Y	J	J	N3B-2019-2645	CAMO-19-181823	GELC
MCOI-5	689.0	05/09/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	Y	13.3	—	—	3.16	µg/L	Y	—	NQ	2017-1505	CAMO-17-132219	GELC
MCOI-5	689.0	11/10/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	Y	17.8	—	—	3.33	µg/L	Y	—	NQ	2018-853	CAMO-18-148070	GELC
MCOI-5	689.0	05/10/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	Y	27.9	—	—	3.33	µg/L	Y	—	NQ	2018-2538	CAMO-18-153978	GELC
MCOI-5	689.0	11/09/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	Y	26	—	—	3.26	µg/L	Y	—	NQ	N3B-2019-437	CAMO-19-163968	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	Y	22.9	—	—	3	µg/L	Y	—	NQ	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	01/12/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0819	—	—	0.033	mg/L	Y	J	J	2018-1459	CAMO-18-150793	GELC
MCOI-5	689.0	05/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.14	—	—	0.033	mg/L	Y	—	NQ	2018-2538	CAMO-18-153977	GELC
MCOI-5	689.0	07/12/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.107	—	—	0.033	mg/L	Y	—	NQ	N3B-2018-2919	CAMO-18-159786	GELC
MCOI-5	689.0	11/09/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.159	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-437	CAMO-19-163967	GELC
MCOI-5	689.0	01/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.139	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-751	CAMO-19-165956	GELC
MCOI-5	689.0	05/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.432	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-1823	CAMO-19-175108	GELC
MCOI-5	689.0	07/24/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.291	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2645	CAMO-19-181822	GELC
MCOI-5	689.0	01/12/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	131	—	—	0.453	mg/L	Y	—	NQ	2018-1459	CAMO-18-150793	GELC
MCOI-5	689.0	05/10/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	128	—	—	0.453	mg/L	Y	—	NQ	2018-2538	CAMO-18-153977	GELC
MCOI-5	689.0	07/12/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	121	—	—	0.453	mg/L	Y	—	NQ	N3B-2018-2919	CAMO-18-159786	GELC
MCOI-5	689.0	11/09/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	119	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-437	CAMO-19-163967	GELC
MCOI-5	689.0	01/11/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	123	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-751	CAMO-19-165956	GELC
MCOI-5	689.0	05/08/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	105	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-1823	CAMO-19-175108	GELC
MCOI-5	689.0	07/24/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	120	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2645	CAMO-19-181822	GELC
MCOI-5	689.0	01/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	7.32	—	—	0.11	mg/L	Y	—	NQ	2018-1459	CAMO-18-150793	GELC
MCOI-5	689.0	05/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	7.08	—	—	0.11	mg/L	Y	—	NQ	2018-2538	CAMO-18-153977	GELC
MCOI-5	689.0	07/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.75	—	—	0.11	mg/L	Y	—	NQ	N3B-2018-2919	CAMO-18-159786	GELC
MCOI-5	689.0	11/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	7.61	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-437	CAMO-19-163967	GELC
MCOI-5	689.0	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	7.47	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-751	CAMO-19-165956	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
MCOI-5	689.0	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.9	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-1823	CAMO-19-175108	GELC
MCOI-5	689.0	07/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.94	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-2645	CAMO-19-181822	GELC
MCOI-5	689.0	01/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.11	—	—	0.2	µg/L	Y	—	NQ	2018-1459	CAMO-18-150793	GELC
MCOI-5	689.0	05/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.787	—	—	0.2	µg/L	Y	—	NQ	2018-2538	CAMO-18-153977	GELC
MCOI-5	689.0	07/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.98	—	—	0.2	µg/L	Y	—	NQ	N3B-2018-2919	CAMO-18-159786	GELC
MCOI-5	689.0	11/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.53	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-437	CAMO-19-163967	GELC
MCOI-5	689.0	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.27	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-751	CAMO-19-165956	GELC
MCOI-5	689.0	07/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.54	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-2645	CAMO-19-181822	GELC
MCOI-5	689.0	01/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.25	—	—	0.6	µg/L	Y	—	NQ	2018-1459	CAMO-18-150793	GELC
MCOI-5	689.0	05/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.6	—	—	0.6	µg/L	Y	U	U	2018-2538	CAMO-18-153977	GELC
MCOI-5	689.0	07/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.655	—	—	0.6	µg/L	Y	J	J	N3B-2018-2919	CAMO-18-159786	GELC
MCOI-5	689.0	11/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	3	—	—	3	µg/L	Y	U	U	N3B-2019-437	CAMO-19-163967	GELC
MCOI-5	689.0	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.87	—	—	0.6	µg/L	Y	J	J	N3B-2019-751	CAMO-19-165956	GELC
MCOI-5	689.0	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.719	—	—	0.6	µg/L	Y	J	J	N3B-2019-1823	CAMO-19-175108	GELC
MCOI-5	689.0	07/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.1	—	—	0.6	µg/L	Y	J	J	N3B-2019-2645	CAMO-19-181822	GELC
MCOI-5	689.0	01/12/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	13.3	—	—	0.85	mg/L	Y	—	NQ	2018-1459	CAMO-18-150793	GELC
MCOI-5	689.0	05/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	16.8	—	—	0.425	mg/L	Y	—	NQ	2018-2538	CAMO-18-153977	GELC
MCOI-5	689.0	07/12/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	14.6	—	—	0.85	mg/L	Y	—	NQ	N3B-2018-2919	CAMO-18-159786	GELC
MCOI-5	689.0	11/09/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	12.9	—	—	0.425	mg/L	Y	—	NQ	N3B-2019-437	CAMO-19-163967	GELC
MCOI-5	689.0	01/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	14	—	—	0.17	mg/L	Y	—	NQ	N3B-2019-751	CAMO-19-165956	GELC
MCOI-5	689.0	05/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	12.5	—	—	0.425	mg/L	Y	—	NQ	N3B-2019-1823	CAMO-19-175108	GELC
MCOI-5	689.0	07/24/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	11.6	—	—	0.17	mg/L	Y	—	NQ	N3B-2019-2645	CAMO-19-181822	GELC
MCOI-5	689.0	01/12/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	228	—	—	10	µg/L	Y	—	NQ	2018-1459	CAMO-18-150793	GELC
MCOI-5	689.0	05/10/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	223	—	—	10	µg/L	Y	—	NQ	2018-2538	CAMO-18-153977	GELC
MCOI-5	689.0	07/12/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	239	—	—	10	µg/L	Y	—	NQ	N3B-2018-2919	CAMO-18-159786	GELC
MCOI-5	689.0	11/09/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	189	—	—	10	µg/L	Y	—	NQ	N3B-2019-437	CAMO-19-163967	GELC
MCOI-5	689.0	01/11/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	213	—	—	10	µg/L	Y	—	NQ	N3B-2019-751	CAMO-19-165956	GELC
MCOI-5	689.0	05/08/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	170	—	—	10	µg/L	Y	—	NQ	N3B-2019-1823	CAMO-19-175108	GELC
MCOI-5	689.0	07/24/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	151	—	—	10	µg/L	Y	—	NQ	N3B-2019-2645	CAMO-19-181822	GELC
MCOI-5	689.0	11/13/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanoic acid	335-67-1	Y	1.49	—	—	0.72	ng/L	Y	J	J	N3B-2020-338	CAMO-20-189132	GELC
MCOI-5	689.0	01/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.5	—	—	0.05	mg/L	Y	—	NQ	2018-1459	CAMO-18-150793	GELC
MCOI-5	689.0	05/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.661	—	—	0.05	mg/L	Y	—	NQ	2018-2538	CAMO-18-153977	GELC
MCOI-5	689.0	07/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.61	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-2919	CAMO-18-159786	GELC
MCOI-5	689.0	11/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.682	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-437	CAMO-19-163967	GELC
MCOI-5	689.0	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.644	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-751	CAMO-19-165956	GELC
MCOI-5	689.0	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.654	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1823	CAMO-19-175108	GELC
MCOI-5	689.0	07/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.655	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2645	CAMO-19-181822	GELC
MCOI-5	689.0	01/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.2	—	—	0.053	mg/L	Y	—	NQ	2018-1459	CAMO-18-150793	GELC
MCOI-5	689.0	05/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.8	—	—	0.053	mg/L	Y	—	NQ	2018-2538	CAMO-18-153977	GELC
MCOI-5	689.0	07/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	58.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2018-2919	CAMO-18-159786	GELC
MCOI-5	689.0	11/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	61.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-437	CAMO-19-163967	GELC
MCOI-5	689.0	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	60.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-751	CAMO-19-165956	GELC
MCOI-5	689.0	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	55	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-1823	CAMO-19-175108	GELC
MCOI-5	689.0	07/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	59.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-2645	CAMO-19-181822	GELC
MCOI-5	689.0	01/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	17.8	—	—	0.1	mg/L	Y	N	NQ	2018-1459	CAMO-18-150793	GELC
MCOI-5	689.0	05/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	17.4	—	—	0.1	mg/L	Y	—	NQ	2018-2538	CAMO-18-153977	GELC
MCOI-5	689.0	07/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	16.9	—	—	0.1	mg/L	Y	—	NQ	N3B-2018-2919	CAMO-18-159786	GELC
MCOI-5	689.0	11/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	17.8	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-437	CAMO-19-163967	GELC
MCOI-5	689.0	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	18.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-751	CAMO-19-165956	GELC
MCOI-5	689.0	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	16.6	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-1823	CAMO-19-175108	GELC
MCOI-5	689.0	07/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	16.8	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-2645	CAMO-19-181822	GELC
MCOI-5	689.0	01/12/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	345	—	—	1	µS/cm	Y	—	NQ	2018-1459	CAMO-18-150793	GELC
MCOI-5	689.0	05/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	359	—	—	1	µS/cm	Y	—	NQ	2018-2538	CAMO-18-153977	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
MCOI-5	689.0	07/12/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	357	—	—	1	µS/cm	Y	—	NQ	N3B-2018-2919	CAMO-18-159786	GELC
MCOI-5	689.0	11/09/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	330	—	—	1	µS/cm	Y	—	NQ	N3B-2019-437	CAMO-19-163967	GELC
MCOI-5	689.0	01/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	348	—	—	1	µS/cm	Y	—	NQ	N3B-2019-751	CAMO-19-165956	GELC
MCOI-5	689.0	05/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	330	—	—	1	µS/cm	Y	—	NQ	N3B-2019-1823	CAMO-19-175108	GELC
MCOI-5	689.0	07/24/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	350	—	—	1	µS/cm	Y	—	NQ	N3B-2019-2645	CAMO-19-181822	GELC
MCOI-5	689.0	01/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	184	—	—	1	µg/L	Y	—	NQ	2018-1459	CAMO-18-150793	GELC
MCOI-5	689.0	05/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	183	—	—	1	µg/L	Y	—	NQ	2018-2538	CAMO-18-153977	GELC
MCOI-5	689.0	07/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	173	—	—	1	µg/L	Y	—	NQ	N3B-2018-2919	CAMO-18-159786	GELC
MCOI-5	689.0	11/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	184	—	—	1	µg/L	Y	—	NQ	N3B-2019-437	CAMO-19-163967	GELC
MCOI-5	689.0	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	189	—	—	1	µg/L	Y	—	NQ	N3B-2019-751	CAMO-19-165956	GELC
MCOI-5	689.0	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	173	—	—	1	µg/L	Y	—	NQ	N3B-2019-1823	CAMO-19-175108	GELC
MCOI-5	689.0	07/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	186	—	—	1	µg/L	Y	—	NQ	N3B-2019-2645	CAMO-19-181822	GELC
MCOI-5	689.0	01/12/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	31.8	—	—	0.266	mg/L	Y	—	NQ	2018-1459	CAMO-18-150793	GELC
MCOI-5	689.0	05/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	35.1	—	—	0.266	mg/L	Y	—	NQ	2018-2538	CAMO-18-153977	GELC
MCOI-5	689.0	07/12/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	32.7	—	—	0.665	mg/L	Y	—	NQ	N3B-2018-2919	CAMO-18-159786	GELC
MCOI-5	689.0	11/09/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	32.2	—	—	0.266	mg/L	Y	—	NQ	N3B-2019-437	CAMO-19-163967	GELC
MCOI-5	689.0	01/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	33.2	—	—	0.266	mg/L	Y	—	NQ	N3B-2019-751	CAMO-19-165956	GELC
MCOI-5	689.0	05/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	31.9	—	—	0.266	mg/L	Y	—	NQ	N3B-2019-1823	CAMO-19-175108	GELC
MCOI-5	689.0	07/24/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	31.2	—	—	0.665	mg/L	Y	—	J-	N3B-2019-2645	CAMO-19-181822	GELC
MCOI-5	689.0	01/12/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	2018-1459	CAMO-18-150793	GELC
MCOI-5	689.0	01/12/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	2018-1459	CAMO-18-150794	GELC
MCOI-5	689.0	05/10/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-2538	CAMO-18-153977	GELC
MCOI-5	689.0	05/10/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-2538	CAMO-18-153978	GELC
MCOI-5	689.0	07/12/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	5	—	—	—	deg C	Y	—	NQ	N3B-2018-2919	CAMO-18-159786	GELC
MCOI-5	689.0	07/12/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	5	—	—	—	deg C	Y	—	NQ	N3B-2018-2919	CAMO-18-159787	GELC
MCOI-5	689.0	11/09/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-437	CAMO-19-163967	GELC
MCOI-5	689.0	11/09/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-437	CAMO-19-163968	GELC
MCOI-5	689.0	01/11/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-751	CAMO-19-165956	GELC
MCOI-5	689.0	01/11/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-751	CAMO-19-165957	GELC
MCOI-5	689.0	05/08/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-1823	CAMO-19-175108	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	07/24/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-2645	CAMO-19-181822	GELC
MCOI-5	689.0	07/24/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-2645	CAMO-19-181823	GELC
MCOI-5	689.0	11/13/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2020-338	CAMO-20-189132	GELC
MCOI-5	689.0	01/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	2018-1459	CAMO-18-150793	GELC
MCOI-5	689.0	05/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	2018-2538	CAMO-18-153977	GELC
MCOI-5	689.0	07/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	2.5	—	—	2.5	µg/L	Y	J	J	N3B-2018-2919	CAMO-18-159786	GELC
MCOI-5	689.0	11/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	7.02	—	—	2.5	µg/L	Y	J	J	N3B-2019-437	CAMO-19-163967	GELC
MCOI-5	689.0	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	8.7	—	—	2.5	µg/L	Y	J	J	N3B-2019-751	CAMO-19-165956	GELC
MCOI-5	689.0	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	14	—	—	2.5	µg/L	Y	—	NQ	N3B-2019-1823	CAMO-19-175108	GELC
MCOI-5	689.0	01/12/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	329	—	—	3.4	mg/L	Y	—	NQ	2018-1459	CAMO-18-150793	GELC
MCOI-5	689.0	05/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	311	—	—	3.4	mg/L	Y	—	NQ	2018-2538	CAMO-18-153977	GELC
MCOI-5	689.0	07/12/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	283	—	—	3.4	mg/L	Y	—	NQ	N3B-2018-2919	CAMO-18-159786	GELC
MCOI-5	689.0	11/09/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	244	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-437	CAMO-19-163967	GELC
MCOI-5	689.0	01/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	286	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-751	CAMO-19-165956	GELC
MCOI-5	689.0	05/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	196	—	—	3.4	mg/L	Y	—	J+	N3B-2019-1823	CAMO-19-175108	GELC
MCOI-5	689.0	07/24/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	309	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-2645	CAMO-19-181822	GELC
MCOI-5	689.0	01/12/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.187	—	—	0.033	mg/L	Y	—	NQ	2018-1459	CAMO-18-150794	GELC
MCOI-5	689.0	05/10/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0833	—	—	0.033	mg/L	Y	J	J	2018-2538	CAMO-18-153978	GELC
MCOI-5	689.0	07/12/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	1.05	—	—	0.033	mg/L	Y	—	NQ	N3B-2018-2919	CAMO-18-159787	GELC
MCOI-5	689.0	11/09/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0964	—	—	0.033	mg/L	Y	J	J	N3B-2019-437	CAMO-19-163968	GELC
MCOI-5	689.0	01/11/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0556	—	—	0.033	mg/L	Y	J	J	N3B-2019-751	CAMO-19-165957	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.368	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-1823	CAMO-19-175109	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
MCOI-5	689.0	01/12/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.821	—	—	0.33	mg/L	Y	J	J	2018-1459	CAMO-18-150794	GELC
MCOI-5	689.0	05/10/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	2018-2538	CAMO-18-153978	GELC
MCOI-5	689.0	07/12/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2018-2919	CAMO-18-159787	GELC
MCOI-5	689.0	11/09/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.455	—	—	0.33	mg/L	Y	J	J	N3B-2019-437	CAMO-19-163968	GELC
MCOI-5	689.0	01/11/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.403	—	—	0.33	mg/L	Y	J	J	N3B-2019-751	CAMO-19-165957	GELC
MCOI-5	689.0	05/08/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.449	—	—	0.33	mg/L	Y	J	J	N3B-2019-1823	CAMO-19-175109	GELC
MCOI-5	689.0	07/24/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.472	—	—	0.33	mg/L	Y	J	J	N3B-2019-2645	CAMO-19-181823	GELC
MCOI-5	689.0	11/13/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Total PFAS	PFAS-Tot-3a	Y	1.49	—	—	1.8	ng/L	—	J	—	N3B-2020-338	CAMO-20-189132	GELC
MCOI-5	689.0	01/12/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0294	—	—	0.02	mg/L	Y	J	J	2018-1459	CAMO-18-150793	GELC
MCOI-5	689.0	05/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0384	—	—	0.02	mg/L	Y	J	J	2018-2538	CAMO-18-153977	GELC
MCOI-5	689.0	07/12/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0481	—	—	0.02	mg/L	Y	J	U	N3B-2018-2919	CAMO-18-159786	GELC
MCOI-5	689.0	11/09/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0402	—	—	0.02	mg/L	Y	J	U	N3B-2019-437	CAMO-19-163967	GELC
MCOI-5	689.0	01/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0238	—	—	0.02	mg/L	Y	J	J	N3B-2019-751	CAMO-19-165956	GELC
MCOI-5	689.0	07/24/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.122	—	—	0.02	mg/L	Y	—	NQ	N3B-2019-2645	CAMO-19-181822	GELC
MCOI-5	689.0	01/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.172	—	—	0.067	µg/L	Y	J	J	2018-1459	CAMO-18-150793	GELC
MCOI-5	689.0	05/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.128	—	—	0.067	µg/L	Y	J	J	2018-2538	CAMO-18-153977	GELC
MCOI-5	689.0	07/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.199	—	—	0.067	µg/L	Y	J	J	N3B-2018-2919	CAMO-18-159786	GELC
MCOI-5	689.0	11/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.214	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-437	CAMO-19-163967	GELC
MCOI-5	689.0	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.25	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-751	CAMO-19-165956	GELC
MCOI-5	689.0	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.208	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-1823	CAMO-19-175108	GELC
MCOI-5	689.0	07/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.236	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-2645	CAMO-19-181822	GELC
MCOI-5	689.0	01/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.05	—	—	1	µg/L	Y	J	J	2018-1459	CAMO-18-150793	GELC
MCOI-5	689.0	05/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.73	—	—	1	µg/L	Y	J	J	2018-2538	CAMO-18-153977	GELC
MCOI-5	689.0	07/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.18	—	—	1	µg/L	Y	J	J	N3B-2018-2919	CAMO-18-159786	GELC
MCOI-5	689.0	11/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.75	—	—	1	µg/L	Y	J	J	N3B-2019-437	CAMO-19-163967	GELC
MCOI-5	689.0	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.56	—	—	1	µg/L	Y	J	J	N3B-2019-751	CAMO-19-165956	GELC
MCOI-5	689.0	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.02	—	—	1	µg/L	Y	J	J	N3B-2019-1823	CAMO-19-175108	GELC
MCOI-5	689.0	07/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.45	—	—	1	µg/L	Y	J	J	N3B-2019-2645	CAMO-19-181822	GELC
MCOI-6	686.0	11/09/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	—	1.5	µg/L	Y	U	U	2018-854	CAMO-18-148071	GELC
MCOI-6	686.0	05/10/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	—	1.5	µg/L	Y	U	U	2018-2538	CAMO-18-153982	GELC
MCOI-6	686.0	11/08/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	—	1.5	µg/L	Y	U	U	N3B-2019-425	CAMO-19-163971	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	—	1.5	µg/L	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	2.16	—	—	1.5	µg/L	Y	J	J	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	01/11/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.61	—	—	0.01	SU	Y	H	NQ	2018-1443	CAMO-18-150795	GELC
MCOI-6	686.0	05/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.5	—	—	0.01	SU	Y	H	NQ	2018-2538	CAMO-18-153981	GELC
MCOI-6	686.0	07/11/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.45	—	—	0.01	SU	Y	H	NQ	N3B-2018-2905	CAMO-18-159789	GELC
MCOI-6	686.0	11/08/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.63	—	—	0.01	SU	Y	H	NQ	N3B-2019-425	CAMO-19-163970	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.65	—	—	0.01	SU	Y	H	NQ	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.58	—	—	0.01	SU	Y	H	J-	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.57	—	—	0.01	SU	Y	H	NQ	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.8	—	—	0.01	SU	Y	H	NQ	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	01/11/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	92.4	—	—	1.45	mg/L	Y	—	NQ	2018-1443	CAMO-18-150795	GELC
MCOI-6	686.0	05/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	87.8	—	—	1.45	mg/L	Y	—	NQ	2018-2538	CAMO-18-153981	GELC
MCOI-6	686.0	07/11/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	87	—	—	1.45	mg/L	Y	—	NQ	N3B-2018-2905	CAMO-18-159789	GELC
MCOI-6	686.0	11/08/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	88.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-425	CAMO-19-163970	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	86.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	92.4	—	—	1.45	mg/L	Y	H	NQ	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	86.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	86.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	11/06/2015	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00702	0.00776	0.0316	—	pCi/L	Y	U	U	2016-286	CAMO-16-106095	GELC
MCOI-6	686.0	11/08/2016	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00713	0.0123	0.0592	—	pCi/L	Y	U	U	2017-396	CAMO-17-127223	GELC
MCOI-6	686.0	11/09/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00756	0.00667	0.0448	—	pCi/L	Y	U	U	2018-854	CAMO-18-148071	GELC
MCOI-6	686.0	11/08/2018	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00312	0.0104	0.0745	—	pCi/L	Y	U	U	N3B-2019-425	CAMO-19-163971	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00618	0.00618	0.0413	—	pCi/L	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
MCOI-6	686.0	05/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.017	mg/L	Y	U	U	2018-2538	CAMO-18-153981	GELC
MCOI-6	686.0	07/11/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0791	—	—	0.017	mg/L	Y	—	U	N3B-2018-2905	CAMO-18-159789	GELC
MCOI-6	686.0	11/08/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0659	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-425	CAMO-19-163970	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0437	—	—	0.017	mg/L	Y	J	U	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.13	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0525	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	01/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	2018-1443	CAMO-18-150795	GELC
MCOI-6	686.0	05/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	2018-2538	CAMO-18-153981	GELC
MCOI-6	686.0	07/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	N3B-2018-2905	CAMO-18-159789	GELC
MCOI-6	686.0	11/08/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.36	—	—	2	µg/L	Y	J	J	N3B-2019-425	CAMO-19-163970	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.64	—	—	2	µg/L	Y	J	J	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.49	—	—	2	µg/L	Y	J	J	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	01/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	37.9	—	—	1	µg/L	Y	—	NQ	2018-1443	CAMO-18-150795	GELC
MCOI-6	686.0	05/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	38	—	—	1	µg/L	Y	—	NQ	2018-2538	CAMO-18-153981	GELC
MCOI-6	686.0	07/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	37	—	—	1	µg/L	Y	—	NQ	N3B-2018-2905	CAMO-18-159789	GELC
MCOI-6	686.0	11/08/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	38.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-425	CAMO-19-163970	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	38.5	—	—	1	µg/L	Y	—	NQ	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	35.3	—	—	1	µg/L	Y	*	NQ	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	37.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	39.1	—	—	1	µg/L	Y	—	NQ	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	05/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	10.2	—	—	3.06	µg/L	Y	U	U	2017-1529	CAMO-17-132220	GELC
MCOI-6	686.0	05/11/2017	WG	UF	INIT	FD	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	10.3	—	—	3.09	µg/L	Y	U	U	2017-1529	CAMO-17-132307	GELC
MCOI-6	686.0	11/09/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	3	—	—	3	µg/L	Y	U	U	2018-854	CAMO-18-148071	GELC
MCOI-6	686.0	05/10/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	Y	0.946	—	—	0.323	µg/L	Y	J	J	2018-2538	CAMO-18-153982	GELC
MCOI-6	686.0	11/08/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.313	—	—	0.313	µg/L	Y	U	U	N3B-2019-425	CAMO-19-163971	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	Y	0.333	—	—	0.313	µg/L	Y	J	J	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	01/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	46	—	—	15	µg/L	Y	J	J	2018-1443	CAMO-18-150795	GELC
MCOI-6	686.0	05/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	47.1	—	—	15	µg/L	Y	J	J	2018-2538	CAMO-18-153981	GELC
MCOI-6	686.0	07/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	51.2	—	—	15	µg/L	Y	—	NQ	N3B-2018-2905	CAMO-18-159789	GELC
MCOI-6	686.0	11/08/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	53.8	—	—	15	µg/L	Y	—	NQ	N3B-2019-425	CAMO-19-163970	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	54.2	—	—	15	µg/L	Y	—	NQ	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	55.3	—	—	15	µg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	47.8	—	—	15	µg/L	Y	J	J	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	50.7	—	—	15	µg/L	Y	—	NQ	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	01/11/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.565	—	—	0.067	mg/L	Y	—	NQ	2018-1443	CAMO-18-150795	GELC
MCOI-6	686.0	05/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.514	—	—	0.067	mg/L	Y	—	NQ	2018-2538	CAMO-18-153981	GELC
MCOI-6	686.0	07/11/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.526	—	—	0.067	mg/L	Y	—	NQ	N3B-2018-2905	CAMO-18-159789	GELC
MCOI-6	686.0	11/08/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.603	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-425	CAMO-19-163970	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.494	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.47	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.502	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.524	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	01/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	60.5	—	—	0.05	mg/L	Y	—	NQ	2018-1443	CAMO-18-150795	GELC
MCOI-6	686.0	05/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	59.3	—	—	0.05	mg/L	Y	—	NQ	2018-2538	CAMO-18-153981	GELC
MCOI-6	686.0	07/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	59.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-2905	CAMO-18-159789	GELC
MCOI-6	686.0	11/08/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	60.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-425	CAMO-19-163970	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	59.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	60.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	59.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	60.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	11/06/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.07	1.92	6.38	—	pCi/L	Y	U	U	2016-286	CAMO-16-106095	GELC
MCOI-6	686.0	11/08/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.99	1.45	5.81	—	pCi/L	Y	U	U	2017-396	CAMO-17-127223	GELC
MCOI-6	686.0	11/09/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.06	0.856	2.84	—	pCi/L	Y	U	U	2018-854	CAMO-18-148071	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
MCOI-6	686.0	11/08/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.17	0.898	3.27	—	pCi/L	Y	U	U	N3B-2019-425	CAMO-19-163971	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.959	1.02	3.59	—	pCi/L	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	01/11/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	61.3	—	—	0.67	mg/L	Y	—	NQ	2018-1443	CAMO-18-150795	GELC
MCOI-6	686.0	05/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	53.1	—	—	0.67	mg/L	Y	—	NQ	2018-2538	CAMO-18-153981	GELC
MCOI-6	686.0	07/11/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	55.3	—	—	0.67	mg/L	Y	—	NQ	N3B-2018-2905	CAMO-18-159789	GELC
MCOI-6	686.0	11/08/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	54.4	—	—	0.67	mg/L	Y	—	NQ	N3B-2019-425	CAMO-19-163970	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	51.4	—	—	0.67	mg/L	Y	—	NQ	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	50.8	—	—	0.67	mg/L	Y	H	NQ	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	49.9	—	—	0.67	mg/L	Y	H	NQ	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	52.1	—	—	0.67	mg/L	Y	—	J+	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	01/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	70.2	—	—	3	µg/L	Y	—	NQ	2018-1443	CAMO-18-150795	GELC
MCOI-6	686.0	05/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	68.3	—	—	3	µg/L	Y	—	NQ	2018-2538	CAMO-18-153981	GELC
MCOI-6	686.0	07/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	67	—	—	3	µg/L	Y	—	NQ	N3B-2018-2905	CAMO-18-159789	GELC
MCOI-6	686.0	11/08/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	68.2	—	—	3	µg/L	Y	—	NQ	N3B-2019-425	CAMO-19-163970	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	68.2	—	—	3	µg/L	Y	—	NQ	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	64.6	—	—	3	µg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	63.7	—	—	3	µg/L	Y	—	NQ	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	66.5	—	—	3	µg/L	Y	—	NQ	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	11/08/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2019-425	CAMO-19-163970	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	Y	1.32	—	—	1	µg/L	Y	J	J	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	11/06/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.85	1.51	6.38	—	pCi/L	Y	U	U	2016-286	CAMO-16-106095	GELC
MCOI-6	686.0	11/08/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.361	1.49	5.87	—	pCi/L	Y	U	U	2017-396	CAMO-17-127223	GELC
MCOI-6	686.0	11/09/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.952	1.1	3.88	—	pCi/L	Y	U	U	2018-854	CAMO-18-148071	GELC
MCOI-6	686.0	11/08/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.26	0.862	2.79	—	pCi/L	Y	U	U	N3B-2019-425	CAMO-19-163971	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.39	1.35	4.93	—	pCi/L	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	01/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	Y	4.17	—	—	3	µg/L	Y	J	J	2018-1443	CAMO-18-150795	GELC
MCOI-6	686.0	05/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	Y	3.92	—	—	3	µg/L	Y	J	J	2018-2538	CAMO-18-153981	GELC
MCOI-6	686.0	07/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	9.18	—	—	3	µg/L	Y	J	U	N3B-2018-2905	CAMO-18-159789	GELC
MCOI-6	686.0	11/08/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	Y	3.88	—	—	3	µg/L	Y	J	J	N3B-2019-425	CAMO-19-163970	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	Y	4.76	—	—	3	µg/L	Y	J	J	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	Y	11.6	—	—	3	µg/L	Y	J	J	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	Y	5.23	—	—	3	µg/L	Y	J	J	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	Y	4.45	—	—	3	µg/L	Y	J	J	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	01/11/2018	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00347	—	—	0.00167	mg/L	Y	J	J	2018-1443	CAMO-18-150796	GELC
MCOI-6	686.0	05/10/2018	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.0041	—	—	0.00167	mg/L	Y	J	J	2018-2538	CAMO-18-153982	GELC
MCOI-6	686.0	07/11/2018	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.0033	—	—	0.00167	mg/L	Y	J	J	N3B-2018-2905	CAMO-18-159790	GELC
MCOI-6	686.0	11/08/2018	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00235	—	—	0.00167	mg/L	Y	J	J	N3B-2019-425	CAMO-19-163971	GELC
MCOI-6	686.0	01/09/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.0035	—	—	0.00167	mg/L	Y	J	J	N3B-2019-739	CAMO-19-165955	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00202	—	—	0.00167	mg/L	Y	J	J	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	07/23/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00318	—	—	0.00167	mg/L	Y	J	J	N3B-2019-2631	CAMO-19-181825	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00291	—	—	0.00167	mg/L	Y	J	J	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	05/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	Y	10.8	—	—	3.06	µg/L	Y	—	NQ	2017-1529	CAMO-17-132220	GELC
MCOI-6	686.0	05/11/2017	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	Y	10.2	—	—	3.09	µg/L	Y	J	J	2017-1529	CAMO-17-132307	GELC
MCOI-6	686.0	11/09/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	Y	10.2	—	—	3	µg/L	Y	—	NQ	2018-854	CAMO-18-148071	GELC
MCOI-6	686.0	05/10/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	Y	13.8	—	—	3.23	µg/L	Y	—	NQ	2018-2538	CAMO-18-153982	GELC
MCOI-6	686.0	11/08/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	Y	12.9	—	—	3.13	µg/L	Y	—	NQ	N3B-2019-425	CAMO-19-163971	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	Y	10.1	—	—	3.13	µg/L	Y	J	J	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	Y	12.1	—	—	3	µg/L	Y	—	NQ	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	Y	28.3	—	—	0.4	µg/L	Y	—	NQ	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	01/11/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.519	—	—	0.033	mg/L	Y	—	NQ	2018-1443	CAMO-18-150795	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
MCOI-6	686.0	05/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.491	—	—	0.033	mg/L	Y	—	NQ	2018-2538	CAMO-18-153981	GELC
MCOI-6	686.0	07/11/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.606	—	—	0.033	mg/L	Y	—	NQ	N3B-2018-2905	CAMO-18-159789	GELC
MCOI-6	686.0	11/08/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.438	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-425	CAMO-19-163970	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.531	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.577	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.668	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.493	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	11/06/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.37	0.774	2.45	—	pCi/L	Y	U	U	2016-286	CAMO-16-106095	GELC
MCOI-6	686.0	11/08/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.03	0.657	2.18	—	pCi/L	Y	U	U	2017-396	CAMO-17-127223	GELC
MCOI-6	686.0	11/09/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.113	0.745	2.91	—	pCi/L	Y	U	U	2018-854	CAMO-18-148071	GELC
MCOI-6	686.0	11/08/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.777	0.793	2.94	—	pCi/L	Y	U	U	N3B-2019-425	CAMO-19-163971	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.86	0.823	2.91	—	pCi/L	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/06/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.162	0.415	1.39	—	pCi/L	Y	U	U	2016-286	CAMO-16-106095	GELC
MCOI-6	686.0	11/08/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.942	0.666	2.22	—	pCi/L	Y	U	U	2017-396	CAMO-17-127223	GELC
MCOI-6	686.0	11/09/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3	0.961	2.88	—	pCi/L	Y	—	NQ	2018-854	CAMO-18-148071	GELC
MCOI-6	686.0	11/08/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.681	0.656	2.22	—	pCi/L	Y	U	U	N3B-2019-425	CAMO-19-163971	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.86	0.929	2.19	—	pCi/L	Y	—	NQ	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	01/11/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	200	—	—	0.453	mg/L	Y	—	NQ	2018-1443	CAMO-18-150795	GELC
MCOI-6	686.0	05/10/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	199	—	—	0.453	mg/L	Y	—	NQ	2018-2538	CAMO-18-153981	GELC
MCOI-6	686.0	07/11/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	199	—	—	0.453	mg/L	Y	—	NQ	N3B-2018-2905	CAMO-18-159789	GELC
MCOI-6	686.0	11/08/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	203	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-425	CAMO-19-163970	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	200	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	200	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	199	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	202	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	01/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	11.9	—	—	0.11	mg/L	Y	—	NQ	2018-1443	CAMO-18-150795	GELC
MCOI-6	686.0	05/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	12.3	—	—	0.11	mg/L	Y	—	NQ	2018-2538	CAMO-18-153981	GELC
MCOI-6	686.0	07/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	12.1	—	—	0.11	mg/L	Y	—	NQ	N3B-2018-2905	CAMO-18-159789	GELC
MCOI-6	686.0	11/08/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	12.6	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-425	CAMO-19-163970	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	12.5	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	12.2	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	12.2	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	12.4	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	01/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2	—	—	2	µg/L	Y	U	U	2018-1443	CAMO-18-150795	GELC
MCOI-6	686.0	05/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	3.17	—	—	2	µg/L	Y	J	J	2018-2538	CAMO-18-153981	GELC
MCOI-6	686.0	07/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	2.28	—	—	2	µg/L	Y	J	J	N3B-2018-2905	CAMO-18-159789	GELC
MCOI-6	686.0	11/08/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	2.07	—	—	2	µg/L	Y	J	J	N3B-2019-425	CAMO-19-163970	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	2.07	—	—	2	µg/L	Y	J	J	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	2.14	—	—	2	µg/L	Y	J	J	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	3.21	—	—	2	µg/L	Y	J	J	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	01/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.02	—	—	0.2	µg/L	Y	—	NQ	2018-1443	CAMO-18-150795	GELC
MCOI-6	686.0	05/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.92	—	—	0.2	µg/L	Y	—	NQ	2018-2538	CAMO-18-153981	GELC
MCOI-6	686.0	07/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.08	—	—	0.2	µg/L	Y	—	NQ	N3B-2018-2905	CAMO-18-159789	GELC
MCOI-6	686.0	11/08/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.13	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-425	CAMO-19-163970	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.99	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.92	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.3	—	—	0.2	µg/L	Y	—	J+	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	2.03	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	05/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	1.02	—	—	0.306	µg/L	Y	U	U	2017-1529	CAMO-17-132220	GELC
MCOI-6	686.0	05/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	1	—	—	0.3	µg/L	Y	U	U	2017-1529	CAMO-17-132220	GELC
MCOI-6	686.0	05/11/2017	WG	UF	INIT	FD	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	1.03	—	—	0.309	µg/L	Y	U	U	2017-1529	CAMO-17-132307	GELC
MCOI-6	686.0	05/11/2017	WG	UF	INIT	FD	VOC	SW-846:8260B	Naphthalene	91-20-3	N	1	—	—	0.3	µg/L	Y	U	U	2017-1529	CAMO-17-132307	GELC
MCOI-6	686.0	11/09/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-854	CAMO-18-148071	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
MCOI-6	686.0	11/09/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-854	CAMO-18-148071	GELC
MCOI-6	686.0	05/10/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.323	—	—	0.323	µg/L	Y	U	U	2018-2538	CAMO-18-153982	GELC
MCOI-6	686.0	05/10/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-2538	CAMO-18-153982	GELC
MCOI-6	686.0	11/08/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	—	0.3	µg/L	Y	U	U	N3B-2019-425	CAMO-19-163971	GELC
MCOI-6	686.0	11/08/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.313	—	—	0.313	µg/L	Y	U	U	N3B-2019-425	CAMO-19-163971	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.313	—	—	0.313	µg/L	Y	U	U	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	Y	0.34	—	—	0.3	µg/L	Y	J	J	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	11/06/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.09	3.07	10.8	—	pCi/L	Y	U	U	2016-286	CAMO-16-106095	GELC
MCOI-6	686.0	11/08/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-4.54	2.42	7.93	—	pCi/L	Y	U	U	2017-396	CAMO-17-127223	GELC
MCOI-6	686.0	11/09/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.374	1.62	5.33	—	pCi/L	Y	U	U	2018-854	CAMO-18-148071	GELC
MCOI-6	686.0	11/08/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.59	1.66	5.56	—	pCi/L	Y	U	U	N3B-2019-425	CAMO-19-163971	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.584	2.33	8.22	—	pCi/L	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	01/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	23.2	—	—	0.6	µg/L	Y	—	NQ	2018-1443	CAMO-18-150795	GELC
MCOI-6	686.0	05/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	28.5	—	—	0.6	µg/L	Y	—	NQ	2018-2538	CAMO-18-153981	GELC
MCOI-6	686.0	07/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	21.7	—	—	0.6	µg/L	Y	—	NQ	N3B-2018-2905	CAMO-18-159789	GELC
MCOI-6	686.0	11/08/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	21.1	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-425	CAMO-19-163970	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	18.8	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	18.2	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	17.4	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	24.7	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	01/11/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	10.4	—	—	0.17	mg/L	Y	—	NQ	2018-1443	CAMO-18-150795	GELC
MCOI-6	686.0	05/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	10.8	—	—	0.425	mg/L	Y	—	NQ	2018-2538	CAMO-18-153981	GELC
MCOI-6	686.0	07/11/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	10.1	—	—	0.17	mg/L	Y	—	NQ	N3B-2018-2905	CAMO-18-159789	GELC
MCOI-6	686.0	11/08/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	11.2	—	—	0.425	mg/L	Y	—	NQ	N3B-2019-425	CAMO-19-163970	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	12.8	—	—	0.85	mg/L	Y	—	NQ	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	11.1	—	—	0.17	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	12.4	—	—	0.17	mg/L	Y	—	NQ	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	11.4	—	—	0.85	mg/L	Y	—	NQ	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	01/11/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	91.3	—	—	2.5	µg/L	Y	—	NQ	2018-1443	CAMO-18-150795	GELC
MCOI-6	686.0	05/10/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	85.7	—	—	5	µg/L	Y	—	NQ	2018-2538	CAMO-18-153981	GELC
MCOI-6	686.0	07/11/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	103	—	—	5	µg/L	Y	—	NQ	N3B-2018-2905	CAMO-18-159789	GELC
MCOI-6	686.0	11/08/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	124	—	—	5	µg/L	Y	—	NQ	N3B-2019-425	CAMO-19-163970	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	109	—	—	5	µg/L	Y	—	NQ	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	93.6	—	—	5	µg/L	Y	H	NQ	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	86.1	—	—	5	µg/L	Y	—	NQ	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	94.9	—	—	5	µg/L	Y	—	NQ	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	Y	0.805	—	—	0.71	ng/L	Y	J	J	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/06/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00204	0.0054	0.0239	—	pCi/L	Y	U	U	2016-286	CAMO-16-106095	GELC
MCOI-6	686.0	11/08/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0243	0.0151	0.0469	—	pCi/L	Y	U	U	2017-396	CAMO-17-127223	GELC
MCOI-6	686.0	11/09/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0299	0.0263	0.0733	—	pCi/L	Y	U	U	2018-854	CAMO-18-148071	GELC
MCOI-6	686.0	11/08/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0161	0.0137	0.0466	—	pCi/L	Y	U	U	N3B-2019-425	CAMO-19-163971	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00781	0.0101	0.0472	—	pCi/L	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/06/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00408	0.00577	0.0458	—	pCi/L	Y	U	U	2016-286	CAMO-16-106095	GELC
MCOI-6	686.0	11/08/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0263	0.00926	0.0354	—	pCi/L	Y	U	U	2017-396	CAMO-17-127223	GELC
MCOI-6	686.0	11/09/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00995	0.0211	0.105	—	pCi/L	Y	U	U	2018-854	CAMO-18-148071	GELC
MCOI-6	686.0	11/08/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00269	0.0129	0.0512	—	pCi/L	Y	U	U	N3B-2019-425	CAMO-19-163971	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00521	0.011	0.0458	—	pCi/L	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	01/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.556	—	—	0.05	mg/L	Y	—	J+	2018-1443	CAMO-18-150795	GELC
MCOI-6	686.0	05/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.808	—	—	0.05	mg/L	Y	—	NQ	2018-2538	CAMO-18-153981	GELC
MCOI-6	686.0	07/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.81	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-2905	CAMO-18-159789	GELC
MCOI-6	686.0	11/08/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.823	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-425	CAMO-19-163970	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.824	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.858	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175132	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.778	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.973	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	11/06/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-8.49	19.5	72.8	—	pCi/L	Y	U	U	2016-286	CAMO-16-106095	GELC
MCOI-6	686.0	11/08/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	30.9	20.9	42.9	—	pCi/L	Y	U	U	2017-396	CAMO-17-127223	GELC
MCOI-6	686.0	11/09/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-3.6	13.4	50	—	pCi/L	Y	U	U	2018-854	CAMO-18-148071	GELC
MCOI-6	686.0	11/08/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	28	18.3	28.8	—	pCi/L	Y	U	U	N3B-2019-425	CAMO-19-163971	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	4.24	23.8	48.2	—	pCi/L	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	06/15/2005	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.739	0.227	0.57	—	pCi/L	Y	—	J	138851	GU05050GMC601	GELC
MCOI-6	686.0	06/15/2005	WG	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	N	0.302	0.188	0.609	—	pCi/L	Y	U	U	138851	GU05050GMC690	GELC
MCOI-6	686.0	11/09/2007	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.201	0.12	0.38	—	pCi/L	Y	U	U	08-145	CASA-08-7610	GELC
MCOI-6	686.0	02/22/2008	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.583	0.24	0.69	—	pCi/L	Y	U	U	08-685	CAMO-08-10427	GELC
MCOI-6	686.0	08/12/2008	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.197	0.13	0.44	—	pCi/L	Y	U	U	08-1657	CAMO-08-14500	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.292	0.0911	0.186	—	pCi/L	Y	—	NQ	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	1.01	0.234	—	—	pCi/L	Y	—	NQ	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/09/2007	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	Y	0.919	0.25	0.59	—	pCi/L	Y	—	NQ	08-145	CASA-08-7610	GELC
MCOI-6	686.0	02/22/2008	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.469	0.18	0.48	—	pCi/L	Y	U	U	08-685	CAMO-08-10427	GELC
MCOI-6	686.0	08/12/2008	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.269	0.14	0.44	—	pCi/L	Y	U	U	08-1657	CAMO-08-14500	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	Y	0.721	0.216	0.652	—	pCi/L	Y	—	NQ	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	01/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.7	—	—	0.053	mg/L	Y	—	NQ	2018-1443	CAMO-18-150795	GELC
MCOI-6	686.0	05/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.9	—	—	0.053	mg/L	Y	—	NQ	2018-2538	CAMO-18-153981	GELC
MCOI-6	686.0	07/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2018-2905	CAMO-18-159789	GELC
MCOI-6	686.0	11/08/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-425	CAMO-19-163970	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	69	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	01/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	24.5	—	—	0.1	mg/L	Y	—	NQ	2018-1443	CAMO-18-150795	GELC
MCOI-6	686.0	05/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	25.3	—	—	0.1	mg/L	Y	—	NQ	2018-2538	CAMO-18-153981	GELC
MCOI-6	686.0	07/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	25	—	—	0.1	mg/L	Y	—	NQ	N3B-2018-2905	CAMO-18-159789	GELC
MCOI-6	686.0	11/08/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	26.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-425	CAMO-19-163970	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	25.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	26.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	25	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	27.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	11/06/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.83	1.77	5.02	—	pCi/L	Y	U	U	2016-286	CAMO-16-106095	GELC
MCOI-6	686.0	11/08/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.578	1.08	4.68	—	pCi/L	Y	U	U	2017-396	CAMO-17-127223	GELC
MCOI-6	686.0	11/09/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.184	0.749	3.04	—	pCi/L	Y	U	U	2018-854	CAMO-18-148071	GELC
MCOI-6	686.0	11/08/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.0377	0.86	3.12	—	pCi/L	Y	U	U	N3B-2019-425	CAMO-19-163971	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.328	1.17	4.31	—	pCi/L	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	01/11/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	549	—	—	1	µS/cm	Y	—	NQ	2018-1443	CAMO-18-150795	GELC
MCOI-6	686.0	05/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	552	—	—	1	µS/cm	Y	—	NQ	2018-2538	CAMO-18-153981	GELC
MCOI-6	686.0	07/11/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	553	—	—	1	µS/cm	Y	—	NQ	N3B-2018-2905	CAMO-18-159789	GELC
MCOI-6	686.0	11/08/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	551	—	—	1	µS/cm	Y	—	NQ	N3B-2019-425	CAMO-19-163970	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	546	—	—	1	µS/cm	Y	—	NQ	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	551	—	—	1	µS/cm	Y	—	NQ	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	560	—	—	1	µS/cm	Y	—	NQ	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	535	—	—	1	µS/cm	Y	—	NQ	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	01/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	267	—	—	1	µg/L	Y	—	NQ	2018-1443	CAMO-18-150795	GELC
MCOI-6	686.0	05/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	269	—	—	1	µg/L	Y	—	NQ	2018-2538	CAMO-18-153981	GELC
MCOI-6	686.0	07/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	263	—	—	1	µg/L	Y	—	NQ	N3B-2018-2905	CAMO-18-159789	GELC
MCOI-6	686.0	11/08/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	273	—	—	1	µg/L	Y	—	NQ	N3B-2019-425	CAMO-19-163970	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	263	—	—	1	µg/L	Y	—	NQ	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	270	—	—	1	µg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175132	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	261	—	—	1	µg/L	Y	—	NQ	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	275	—	—	1	µg/L	Y	—	NQ	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	11/06/2015	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.303	0.112	0.482	—	pCi/L	Y	U	U	2016-286	CAMO-16-106095	GELC
MCOI-6	686.0	11/08/2016	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.25	0.106	0.49	—	pCi/L	Y	U	U	2017-396	CAMO-17-127223	GELC
MCOI-6	686.0	11/09/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.115	0.11	0.446	—	pCi/L	Y	U	U	2018-854	CAMO-18-148071	GELC
MCOI-6	686.0	11/08/2018	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.091	0.0844	0.296	—	pCi/L	Y	U	U	N3B-2019-425	CAMO-19-163971	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.288	0.15	0.491	—	pCi/L	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	01/11/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	61	—	—	1.33	mg/L	Y	—	NQ	2018-1443	CAMO-18-150795	GELC
MCOI-6	686.0	05/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	53.2	—	—	1.33	mg/L	Y	—	NQ	2018-2538	CAMO-18-153981	GELC
MCOI-6	686.0	07/11/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	54.7	—	—	1.33	mg/L	Y	—	NQ	N3B-2018-2905	CAMO-18-159789	GELC
MCOI-6	686.0	11/08/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	53.6	—	—	1.33	mg/L	Y	—	NQ	N3B-2019-425	CAMO-19-163970	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	50.1	—	—	1.33	mg/L	Y	—	NQ	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	50	—	—	1.33	mg/L	Y	H	NQ	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	50.1	—	—	1.33	mg/L	Y	H	NQ	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	52.2	—	—	1.33	mg/L	Y	—	NQ	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	01/11/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	2018-1443	CAMO-18-150795	GELC
MCOI-6	686.0	01/11/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	2018-1443	CAMO-18-150796	GELC
MCOI-6	686.0	05/10/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-2538	CAMO-18-153981	GELC
MCOI-6	686.0	05/10/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-2538	CAMO-18-153982	GELC
MCOI-6	686.0	07/11/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2018-2905	CAMO-18-159789	GELC
MCOI-6	686.0	07/11/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2018-2905	CAMO-18-159790	GELC
MCOI-6	686.0	11/08/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-425	CAMO-19-163970	GELC
MCOI-6	686.0	11/08/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-425	CAMO-19-163971	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	01/09/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-739	CAMO-19-165955	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	07/23/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2019-2631	CAMO-19-181825	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	01/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	2018-1443	CAMO-18-150795	GELC
MCOI-6	686.0	05/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	2018-2538	CAMO-18-153981	GELC
MCOI-6	686.0	07/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2018-2905	CAMO-18-159789	GELC
MCOI-6	686.0	11/08/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	11.4	—	—	2.5	µg/L	Y	—	NQ	N3B-2019-425	CAMO-19-163970	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	12.9	—	—	2.5	µg/L	Y	—	NQ	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	33.3	—	—	2.5	µg/L	Y	—	J+	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	01/11/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	356	—	—	3.4	mg/L	Y	—	NQ	2018-1443	CAMO-18-150795	GELC
MCOI-6	686.0	05/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	449	—	—	3.4	mg/L	Y	—	NQ	2018-2538	CAMO-18-153981	GELC
MCOI-6	686.0	07/11/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	361	—	—	3.4	mg/L	Y	—	NQ	N3B-2018-2905	CAMO-18-159789	GELC
MCOI-6	686.0	11/08/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	350	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-425	CAMO-19-163970	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	527	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	483	—	—	3.4	mg/L	Y	H	NQ	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	374	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	374	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	01/11/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	2018-1443	CAMO-18-150796	GELC
MCOI-6	686.0	05/10/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.183	—	—	0.033	mg/L	Y	—	NQ	2018-2538	CAMO-18-153982	GELC
MCOI-6	686.0	07/11/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.511	—	—	0.033	mg/L	Y	—	NQ	N3B-2018-2905	CAMO-18-159790	GELC
MCOI-6	686.0	11/08/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.146	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-425	CAMO-19-163971	GELC
MCOI-6	686.0	01/09/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.12	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-739	CAMO-19-165955	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.17	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175133	GELC
MCOI-6	686.0	01/11/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.87	—	—	0.33	mg/L	Y	J	J	2018-1443	CAMO-18-150796	GELC
MCOI-6	686.0	05/10/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.623	—	—	0.33	mg/L	Y	J	J	2018-2538	CAMO-18-153982	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
MCOI-6	686.0	07/11/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.762	—	—	0.33	mg/L	Y	J	J	N3B-2018-2905	CAMO-18-159790	GELC
MCOI-6	686.0	11/08/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.732	—	—	0.33	mg/L	Y	J	J	N3B-2019-425	CAMO-19-163971	GELC
MCOI-6	686.0	01/09/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.756	—	—	0.33	mg/L	Y	J	J	N3B-2019-739	CAMO-19-165955	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.79	—	—	0.33	mg/L	Y	HJ	J	N3B-2019-2011	CAMO-19-175133	GELC
MCOI-6	686.0	07/23/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.859	—	—	0.33	mg/L	Y	J	J	N3B-2019-2631	CAMO-19-181825	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.609	—	—	0.33	mg/L	Y	J	J	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Total PFAS	PFAS-Tot-3a	Y	0.805	—	—	1.77	ng/L	—	J	—	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	01/11/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.03	—	—	0.02	mg/L	Y	J	J	2018-1443	CAMO-18-150795	GELC
MCOI-6	686.0	05/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0718	—	—	0.02	mg/L	Y	—	NQ	2018-2538	CAMO-18-153981	GELC
MCOI-6	686.0	07/11/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0561	—	—	0.02	mg/L	Y	—	U	N3B-2018-2905	CAMO-18-159789	GELC
MCOI-6	686.0	11/08/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0433	—	—	0.02	mg/L	Y	J	J	N3B-2019-425	CAMO-19-163970	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0515	—	—	0.02	mg/L	Y	—	NQ	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0635	—	—	0.02	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.146	—	—	0.02	mg/L	Y	—	NQ	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.159	—	—	0.02	mg/L	Y	—	NQ	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	11/06/2015	WG	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	Y	2940	134	170	—	pCi/L	Y	—	NQ	2016-286	CAMO-16-106095	GELC
MCOI-6	686.0	11/08/2016	WG	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	Y	2960	105	141	—	pCi/L	Y	—	NQ	2017-396	CAMO-17-127223	GELC
MCOI-6	686.0	11/09/2017	WG	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	Y	3200	107	145	—	pCi/L	Y	—	NQ	2018-854	CAMO-18-148071	GELC
MCOI-6	686.0	11/08/2018	WG	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	Y	3080	98.2	118	—	pCi/L	Y	—	NQ	N3B-2019-425	CAMO-19-163971	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	Y	3200	111	141	—	pCi/L	Y	—	NQ	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	01/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.857	—	—	0.067	µg/L	Y	—	NQ	2018-1443	CAMO-18-150795	GELC
MCOI-6	686.0	05/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.835	—	—	0.067	µg/L	Y	—	NQ	2018-2538	CAMO-18-153981	GELC
MCOI-6	686.0	07/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.843	—	—	0.067	µg/L	Y	—	NQ	N3B-2018-2905	CAMO-18-159789	GELC
MCOI-6	686.0	11/08/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.802	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-425	CAMO-19-163970	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.815	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.803	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.754	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.843	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	11/06/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.837	0.05	0.0956	—	pCi/L	Y	—	NQ	2016-286	CAMO-16-106095	GELC
MCOI-6	686.0	11/08/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.808	0.0491	0.128	—	pCi/L	Y	—	NQ	2017-396	CAMO-17-127223	GELC
MCOI-6	686.0	11/09/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.721	0.0424	0.116	—	pCi/L	Y	—	NQ	2018-854	CAMO-18-148071	GELC
MCOI-6	686.0	11/08/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.63	0.0447	0.101	—	pCi/L	Y	—	NQ	N3B-2019-425	CAMO-19-163971	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.596	0.0432	0.0599	—	pCi/L	Y	—	NQ	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/06/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0471	0.014	0.0834	—	pCi/L	Y	U	U	2016-286	CAMO-16-106095	GELC
MCOI-6	686.0	11/08/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0581	0.0154	0.0861	—	pCi/L	Y	U	U	2017-396	CAMO-17-127223	GELC
MCOI-6	686.0	11/09/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.106	0.0184	0.0501	—	pCi/L	Y	—	NQ	2018-854	CAMO-18-148071	GELC
MCOI-6	686.0	11/08/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0183	0.0122	0.0977	—	pCi/L	Y	U	U	N3B-2019-425	CAMO-19-163971	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0478	0.0144	0.0429	—	pCi/L	Y	—	NQ	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/06/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.36	0.033	0.0944	—	pCi/L	Y	—	NQ	2016-286	CAMO-16-106095	GELC
MCOI-6	686.0	11/08/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.394	0.0343	0.0977	—	pCi/L	Y	—	NQ	2017-396	CAMO-17-127223	GELC
MCOI-6	686.0	11/09/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.351	0.029	0.0678	—	pCi/L	Y	—	NQ	2018-854	CAMO-18-148071	GELC
MCOI-6	686.0	11/08/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.294	0.0315	0.0995	—	pCi/L	Y	—	NQ	N3B-2019-425	CAMO-19-163971	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.201	0.0253	0.0701	—	pCi/L	Y	—	NQ	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	01/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.5	—	—	1	µg/L	Y	J	J	2018-1443	CAMO-18-150795	GELC
MCOI-6	686.0	05/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.01	—	—	1	µg/L	Y	J	J	2018-2538	CAMO-18-153981	GELC
MCOI-6	686.0	07/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.31	—	—	1	µg/L	Y	J	J	N3B-2018-2905	CAMO-18-159789	GELC
MCOI-6	686.0	11/08/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.22	—	—	1	µg/L	Y	J	J	N3B-2019-425	CAMO-19-163970	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.72	—	—	1	µg/L	Y	J	J	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.22	—	—	1	µg/L	Y	J	J	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.09	—	—	1	µg/L	Y	J	J	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	01/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	2018-1443	CAMO-18-150795	GELC
MCOI-6	686.0	05/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	29.4	—	—	3.3	µg/L	Y	—	J+	2018-2538	CAMO-18-153981	GELC
MCOI-6	686.0	07/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	24.9	—	—	3.3	µg/L	Y	—	NQ	N3B-2018-2905	CAMO-18-159789	GELC
MCOI-6	686.0	11/08/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	27	—	—	3.3	µg/L	Y	—	NQ	N3B-2019-425	CAMO-19-163970	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	24.5	—	—	3.3	µg/L	Y	—	NQ	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	24.5	—	—	3.3	µg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	30.1	—	—	3.3	µg/L	Y	—	J+	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	23.6	—	—	3.3	µg/L	Y	—	NQ	N3B-2020-354	CAMO-20-189134	GELC
R-1	1031.1	11/18/2013	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3	µg/L	Y	U	U	2014-2506	CAMO-14-45745	GELC
R-1	1031.1	11/20/2015	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3	µg/L	Y	U	U	2016-389	CAMO-16-106096	GELC
R-1	1031.1	11/15/2016	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	1.5	µg/L	Y	U	U	2017-469	CAMO-17-127224	GELC
R-1	1031.1	11/15/2016	WG	UF	INIT	FD	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	1.5	µg/L	Y	U	U	2017-469	CAMO-17-127213	GELC
R-1	1031.1	11/09/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	—	1.5	µg/L	Y	U	U	2018-854	CAMO-18-148072	GELC
R-1	1031.1	11/09/2017	WG	UF	INIT	FD	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	—	1.5	µg/L	Y	U	U	2018-854	CAMO-18-148110	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	1.6	—	—	1.5	µg/L	Y	J	J	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	05/15/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.96	—	—	0.01	SU	Y	H	NQ	2017-1533	CAMO-17-132201	GELC
R-1	1031.1	11/09/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.12	—	—	0.01	SU	Y	H	NQ	2018-854	CAMO-18-148056	GELC
R-1	1031.1	11/09/2017	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.99	—	—	0.01	SU	Y	H	NQ	2018-854	CAMO-18-148108	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8	—	—	0.01	SU	Y	H	NQ	2018-2538	CAMO-18-153985	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.99	—	—	0.01	SU	Y	H	NQ	2018-2538	CAMO-18-153987	GELC
R-1	1031.1	11/08/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.99	—	—	0.01	SU	Y	H	NQ	N3B-2019-425	CAMO-19-163974	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.03	—	—	0.01	SU	Y	H	J-	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.06	—	—	0.01	SU	Y	H	NQ	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	05/15/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66.4	—	—	1.45	mg/L	Y	—	NQ	2017-1533	CAMO-17-132201	GELC
R-1	1031.1	11/09/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	68.3	—	—	1.45	mg/L	Y	H	NQ	2018-854	CAMO-18-148056	GELC
R-1	1031.1	11/09/2017	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66.7	—	—	1.45	mg/L	Y	H	NQ	2018-854	CAMO-18-148108	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.6	—	—	1.45	mg/L	Y	—	NQ	2018-2538	CAMO-18-153985	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	67	—	—	1.45	mg/L	Y	—	NQ	2018-2538	CAMO-18-153987	GELC
R-1	1031.1	11/08/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	67.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-425	CAMO-19-163974	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	69.5	—	—	1.45	mg/L	Y	H	NQ	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	10/30/2012	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00259	0.00449	0.0295	—	pCi/L	Y	U	U	2013-247	CAMO-13-24240	GELC
R-1	1031.1	11/10/2014	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00682	0.00835	0.0711	—	pCi/L	Y	U	U	2015-265	CAMO-15-90209	GELC
R-1	1031.1	11/20/2015	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0049	0.00775	0.0331	—	pCi/L	Y	U	U	2016-389	CAMO-16-106096	GELC
R-1	1031.1	11/09/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.00544	0.0343	—	pCi/L	Y	U	U	2018-854	CAMO-18-148072	GELC
R-1	1031.1	11/09/2017	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0201	0.00837	0.0325	—	pCi/L	Y	U	U	2018-854	CAMO-18-148110	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.000000000323	0.00387	0.0388	—	pCi/L	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	05/15/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0565	—	—	0.017	mg/L	Y	—	U	2017-1533	CAMO-17-132201	GELC
R-1	1031.1	11/09/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0477	—	—	0.017	mg/L	Y	J	J	2018-854	CAMO-18-148056	GELC
R-1	1031.1	11/09/2017	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0193	—	—	0.017	mg/L	Y	J	J	2018-854	CAMO-18-148108	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0175	—	—	0.017	mg/L	Y	J	J	2018-2538	CAMO-18-153985	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.027	—	—	0.017	mg/L	Y	J	J	2018-2538	CAMO-18-153987	GELC
R-1	1031.1	11/08/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0361	—	—	0.017	mg/L	Y	J	J	N3B-2019-425	CAMO-19-163974	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0527	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	05/15/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	2	µg/L	Y	U	U	2017-1533	CAMO-17-132201	GELC
R-1	1031.1	11/09/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.36	—	—	2	µg/L	Y	J	J	2018-854	CAMO-18-148056	GELC
R-1	1031.1	11/09/2017	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	Y	2.05	—	—	2	µg/L	Y	J	J	2018-854	CAMO-18-148108	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.25	—	—	2	µg/L	Y	J	J	2018-2538	CAMO-18-153985	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	Y	2.29	—	—	2	µg/L	Y	J	J	2018-2538	CAMO-18-153987	GELC
R-1	1031.1	11/08/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.28	—	—	2	µg/L	Y	J	J	N3B-2019-425	CAMO-19-163974	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.78	—	—	2	µg/L	Y	J	J	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.8	—	—	2	µg/L	Y	J	J	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	05/15/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	12.5	—	—	1	µg/L	Y	—	NQ	2017-1533	CAMO-17-132201	GELC
R-1	1031.1	11/09/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	13.5	—	—	1	µg/L	Y	—	NQ	2018-854	CAMO-18-148056	GELC
R-1	1031.1	11/09/2017	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	13.6	—	—	1	µg/L	Y	—	NQ	2018-854	CAMO-18-148108	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	13.1	—	—	1	µg/L	Y	—	NQ	2018-2538	CAMO-18-153985	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	13.3	—	—	1	µg/L	Y	—	NQ	2018-2538	CAMO-18-153987	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-1	1031.1	11/08/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	13.9	—	—	1	µg/L	Y	—	NQ	N3B-2019-425	CAMO-19-163974	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	11.8	—	—	1	µg/L	Y	*	NQ	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	13.3	—	—	1	µg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	05/15/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.7	—	—	0.05	mg/L	Y	—	NQ	2017-1533	CAMO-17-132201	GELC
R-1	1031.1	11/09/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.3	—	—	0.05	mg/L	Y	—	NQ	2018-854	CAMO-18-148056	GELC
R-1	1031.1	11/09/2017	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.4	—	—	0.05	mg/L	Y	—	NQ	2018-854	CAMO-18-148108	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.1	—	—	0.05	mg/L	Y	—	NQ	2018-2538	CAMO-18-153985	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.1	—	—	0.05	mg/L	Y	—	NQ	2018-2538	CAMO-18-153987	GELC
R-1	1031.1	11/08/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-425	CAMO-19-163974	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.9	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	10/30/2012	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.788	1.43	5.03	—	pCi/L	Y	U	U	2013-247	CAMO-13-24240	GELC
R-1	1031.1	11/10/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.131	1.74	6.18	—	pCi/L	Y	U	U	2015-265	CAMO-15-90209	GELC
R-1	1031.1	11/20/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.62	0.89	2.95	—	pCi/L	Y	U	U	2016-389	CAMO-16-106096	GELC
R-1	1031.1	11/09/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.919	0.901	3.54	—	pCi/L	Y	U	U	2018-854	CAMO-18-148072	GELC
R-1	1031.1	11/09/2017	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	3.78	1.28	3.85	—	pCi/L	Y	U	U	2018-854	CAMO-18-148110	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.51	1.63	3.55	—	pCi/L	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	05/15/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.01	—	—	0.067	mg/L	Y	—	NQ	2017-1533	CAMO-17-132201	GELC
R-1	1031.1	11/09/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.82	—	—	0.067	mg/L	Y	—	NQ	2018-854	CAMO-18-148056	GELC
R-1	1031.1	11/09/2017	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.85	—	—	0.067	mg/L	Y	—	NQ	2018-854	CAMO-18-148108	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.84	—	—	0.067	mg/L	Y	—	NQ	2018-2538	CAMO-18-153985	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.82	—	—	0.067	mg/L	Y	—	NQ	2018-2538	CAMO-18-153987	GELC
R-1	1031.1	11/08/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.88	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-425	CAMO-19-163974	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.82	—	—	0.067	mg/L	Y	—	J-	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.91	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	05/15/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.74	—	—	3	µg/L	Y	J	J	2017-1533	CAMO-17-132201	GELC
R-1	1031.1	11/09/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.95	—	—	3	µg/L	Y	J	J	2018-854	CAMO-18-148056	GELC
R-1	1031.1	11/09/2017	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	6.11	—	—	3	µg/L	Y	J	J	2018-854	CAMO-18-148108	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.55	—	—	3	µg/L	Y	J	J	2018-2538	CAMO-18-153985	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.84	—	—	3	µg/L	Y	J	J	2018-2538	CAMO-18-153987	GELC
R-1	1031.1	11/08/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.75	—	—	3	µg/L	Y	J	J	N3B-2019-425	CAMO-19-163974	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.68	—	—	3	µg/L	Y	J	J	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	5.68	—	—	3	µg/L	Y	J	J	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	10/30/2012	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.11	1.28	5.36	—	pCi/L	Y	U	U	2013-247	CAMO-13-24240	GELC
R-1	1031.1	11/10/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-2.02	1.53	5.04	—	pCi/L	Y	U	U	2015-265	CAMO-15-90209	GELC
R-1	1031.1	11/20/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.356	1.22	4.41	—	pCi/L	Y	U	U	2016-389	CAMO-16-106096	GELC
R-1	1031.1	11/09/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.695	0.933	3.44	—	pCi/L	Y	U	U	2018-854	CAMO-18-148072	GELC
R-1	1031.1	11/09/2017	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.151	1.07	4.09	—	pCi/L	Y	U	U	2018-854	CAMO-18-148110	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.65	1.24	4.66	—	pCi/L	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	05/15/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.153	—	—	0.033	mg/L	Y	—	NQ	2017-1533	CAMO-17-132201	GELC
R-1	1031.1	11/09/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.088	—	—	0.033	mg/L	Y	J	J	2018-854	CAMO-18-148056	GELC
R-1	1031.1	11/09/2017	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0887	—	—	0.033	mg/L	Y	J	J	2018-854	CAMO-18-148108	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.152	—	—	0.033	mg/L	Y	—	NQ	2018-2538	CAMO-18-153985	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.181	—	—	0.033	mg/L	Y	—	NQ	2018-2538	CAMO-18-153987	GELC
R-1	1031.1	11/08/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.129	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-425	CAMO-19-163974	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.256	—	—	0.033	mg/L	Y	—	J-	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.267	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	10/30/2012	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.0647	0.579	2.65	—	pCi/L	Y	U	U	2013-247	CAMO-13-24240	GELC
R-1	1031.1	11/10/2014	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.99	0.806	2.13	—	pCi/L	Y	U	U	2015-265	CAMO-15-90209	GELC
R-1	1031.1	11/20/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.34	0.89	2.97	—	pCi/L	Y	U	U	2016-389	CAMO-16-106096	GELC
R-1	1031.1	11/09/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.359	0.463	1.92	—	pCi/L	Y	U	U	2018-854	CAMO-18-148072	GELC
R-1	1031.1	11/09/2017	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	0.573	0.532	1.87	—	pCi/L	Y	U	U	2018-854	CAMO-18-148110	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.9	0.882	2.57	—	pCi/L	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-1	1031.1	10/30/2012	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.61	0.947	2.92	—	pCi/L	Y	U	U	2013-247	CAMO-13-24240	GELC
R-1	1031.1	11/10/2014	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	1.92	0.581	1.88	—	pCi/L	Y	—	NQ	2015-265	CAMO-15-90209	GELC
R-1	1031.1	11/20/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.94	0.86	2.78	—	pCi/L	Y	U	U	2016-389	CAMO-16-106096	GELC
R-1	1031.1	11/09/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.25	0.922	2.88	—	pCi/L	Y	U	U	2018-854	CAMO-18-148072	GELC
R-1	1031.1	11/09/2017	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	1.16	0.637	2.05	—	pCi/L	Y	U	U	2018-854	CAMO-18-148110	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.731	0.749	2.55	—	pCi/L	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	05/15/2017	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	41.6	—	—	0.453	mg/L	Y	—	NQ	2017-1533	CAMO-17-132201	GELC
R-1	1031.1	11/09/2017	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	45.1	—	—	0.453	mg/L	Y	—	NQ	2018-854	CAMO-18-148056	GELC
R-1	1031.1	11/09/2017	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	45	—	—	0.453	mg/L	Y	—	NQ	2018-854	CAMO-18-148108	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	44.5	—	—	0.453	mg/L	Y	—	NQ	2018-2538	CAMO-18-153985	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	44.8	—	—	0.453	mg/L	Y	—	NQ	2018-2538	CAMO-18-153987	GELC
R-1	1031.1	11/08/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	44.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-425	CAMO-19-163974	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	42.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	42.9	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	05/15/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.61	—	—	0.11	mg/L	Y	—	NQ	2017-1533	CAMO-17-132201	GELC
R-1	1031.1	11/09/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.09	—	—	0.11	mg/L	Y	—	NQ	2018-854	CAMO-18-148056	GELC
R-1	1031.1	11/09/2017	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.99	—	—	0.11	mg/L	Y	—	NQ	2018-854	CAMO-18-148108	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.07	—	—	0.11	mg/L	Y	—	NQ	2018-2538	CAMO-18-153985	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.14	—	—	0.11	mg/L	Y	—	NQ	2018-2538	CAMO-18-153987	GELC
R-1	1031.1	11/08/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.27	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-425	CAMO-19-163974	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.96	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.82	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	05/15/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.13	—	—	0.2	µg/L	Y	—	NQ	2017-1533	CAMO-17-132201	GELC
R-1	1031.1	11/09/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.08	—	—	0.2	µg/L	Y	—	NQ	2018-854	CAMO-18-148056	GELC
R-1	1031.1	11/09/2017	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.03	—	—	0.2	µg/L	Y	—	NQ	2018-854	CAMO-18-148108	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.98	—	—	0.2	µg/L	Y	—	NQ	2018-2538	CAMO-18-153985	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.04	—	—	0.2	µg/L	Y	—	NQ	2018-2538	CAMO-18-153987	GELC
R-1	1031.1	11/08/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.11	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-425	CAMO-19-163974	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.918	—	—	0.2	µg/L	Y	J	J	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.19	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	10/30/2012	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.29	2.85	9.74	—	pCi/L	Y	U	U	2013-247	CAMO-13-24240	GELC
R-1	1031.1	11/10/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.953	4.03	12	—	pCi/L	Y	U	U	2015-265	CAMO-15-90209	GELC
R-1	1031.1	11/20/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.407	1.93	6.87	—	pCi/L	Y	U	U	2016-389	CAMO-16-106096	GELC
R-1	1031.1	11/09/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.206	1.73	6.38	—	pCi/L	Y	U	U	2018-854	CAMO-18-148072	GELC
R-1	1031.1	11/09/2017	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.854	1.84	6.67	—	pCi/L	Y	U	U	2018-854	CAMO-18-148110	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.15	2.12	7.45	—	pCi/L	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	05/15/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.02	—	—	0.6	µg/L	Y	—	NQ	2017-1533	CAMO-17-132201	GELC
R-1	1031.1	11/09/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.95	—	—	0.6	µg/L	Y	J	J	2018-854	CAMO-18-148056	GELC
R-1	1031.1	11/09/2017	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.96	—	—	0.6	µg/L	Y	J	J	2018-854	CAMO-18-148108	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.7	—	—	0.6	µg/L	Y	—	NQ	2018-2538	CAMO-18-153985	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.74	—	—	0.6	µg/L	Y	—	NQ	2018-2538	CAMO-18-153987	GELC
R-1	1031.1	11/08/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.77	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-425	CAMO-19-163974	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.97	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	4.24	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	05/15/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.324	—	—	0.017	mg/L	Y	—	NQ	2017-1533	CAMO-17-132201	GELC
R-1	1031.1	11/09/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.316	—	—	0.017	mg/L	Y	—	NQ	2018-854	CAMO-18-148056	GELC
R-1	1031.1	11/09/2017	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.316	—	—	0.017	mg/L	Y	—	NQ	2018-854	CAMO-18-148108	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.429	—	—	0.017	mg/L	Y	—	NQ	2018-2538	CAMO-18-153985	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.427	—	—	0.017	mg/L	Y	—	NQ	2018-2538	CAMO-18-153987	GELC
R-1	1031.1	11/08/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.359	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-425	CAMO-19-163974	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.347	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.349	—	—	0.085	mg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	05/15/2017	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.377	—	—	0.05	µg/L	Y	—	NQ	2017-1533	CAMO-17-132201	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-1	1031.1	11/09/2017	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.336	—	—	0.05	µg/L	Y	—	NQ	2018-854	CAMO-18-148056	GELC
R-1	1031.1	11/09/2017	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.334	—	—	0.05	µg/L	Y	—	NQ	2018-854	CAMO-18-148108	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.327	—	—	0.05	µg/L	Y	—	NQ	2018-2538	CAMO-18-153985	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.312	—	—	0.05	µg/L	Y	—	NQ	2018-2538	CAMO-18-153987	GELC
R-1	1031.1	11/08/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.391	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-425	CAMO-19-163974	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.35	—	—	0.05	µg/L	Y	H	NQ	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.336	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	10/30/2012	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00545	0.00545	0.0262	—	pCi/L	Y	U	U	2013-247	CAMO-13-24240	GELC
R-1	1031.1	11/10/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00311	0.00538	0.0417	—	pCi/L	Y	U	U	2015-265	CAMO-15-90209	GELC
R-1	1031.1	11/20/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0104	0.00692	0.0244	—	pCi/L	Y	U	U	2016-389	CAMO-16-106096	GELC
R-1	1031.1	11/09/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00461	0.0103	0.068	—	pCi/L	Y	U	U	2018-854	CAMO-18-148072	GELC
R-1	1031.1	11/09/2017	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0102	0.0102	0.0749	—	pCi/L	Y	U	U	2018-854	CAMO-18-148110	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00679	0.00751	0.0411	—	pCi/L	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	10/30/2012	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00272	0.00721	0.0435	—	pCi/L	Y	U	U	2013-247	CAMO-13-24240	GELC
R-1	1031.1	11/10/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.00982	0.0614	—	pCi/L	Y	U	U	2015-265	CAMO-15-90209	GELC
R-1	1031.1	11/20/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00417	0.0059	0.0469	—	pCi/L	Y	U	U	2016-389	CAMO-16-106096	GELC
R-1	1031.1	11/09/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0138	0.0138	0.0971	—	pCi/L	Y	U	U	2018-854	CAMO-18-148072	GELC
R-1	1031.1	11/09/2017	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00508	0.0114	0.107	—	pCi/L	Y	U	U	2018-854	CAMO-18-148110	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00226	0.00816	0.0399	—	pCi/L	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	05/15/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.64	—	—	0.05	mg/L	Y	—	NQ	2017-1533	CAMO-17-132201	GELC
R-1	1031.1	11/09/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.67	—	—	0.05	mg/L	Y	—	NQ	2018-854	CAMO-18-148056	GELC
R-1	1031.1	11/09/2017	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	1.71	—	—	0.05	mg/L	Y	—	NQ	2018-854	CAMO-18-148108	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.66	—	—	0.05	mg/L	Y	—	NQ	2018-2538	CAMO-18-153985	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	1.67	—	—	0.05	mg/L	Y	—	NQ	2018-2538	CAMO-18-153987	GELC
R-1	1031.1	11/08/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.67	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-425	CAMO-19-163974	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.66	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.63	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	10/30/2012	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	1.81	19.6	69.6	—	pCi/L	Y	U	U	2013-247	CAMO-13-24240	GELC
R-1	1031.1	11/10/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	26.2	23.2	62.8	—	pCi/L	Y	U	U	2015-265	CAMO-15-90209	GELC
R-1	1031.1	11/20/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-13.2	13.7	43.8	—	pCi/L	Y	U	U	2016-389	CAMO-16-106096	GELC
R-1	1031.1	11/09/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	17.2	19.6	35.5	—	pCi/L	Y	U	U	2018-854	CAMO-18-148072	GELC
R-1	1031.1	11/09/2017	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-34.6	16.3	46.2	—	pCi/L	Y	U	U	2018-854	CAMO-18-148110	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-27.4	18.2	60.5	—	pCi/L	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/28/2005	WG	UF	INIT	REG	RAD	EPA:901.1	Radium-226	Ra-226	N	4.56	3.16	5.13	—	pCi/L	Y	U	U	150955	GU05110G01R01	GELC
R-1	1031.1	11/09/2007	WG	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	N	0.261	0.11	0.31	—	pCi/L	Y	U	U	08-145	CASA-08-8062	GELC
R-1	1031.1	02/22/2008	WG	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	N	0.312	0.14	0.37	—	pCi/L	Y	U	U	08-685	CAMO-08-10456	GELC
R-1	1031.1	11/18/2011	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.0382	0.081	0.31	—	pCi/L	Y	U	U	12-384	CAMO-12-1474	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.485	0.119	0.233	—	pCi/L	Y	—	NQ	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.882	0.211	—	—	pCi/L	Y	—	NQ	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	11/09/2007	WG	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	N	0.241	0.17	0.55	—	pCi/L	Y	U	U	08-145	CASA-08-8062	GELC
R-1	1031.1	02/22/2008	WG	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	Y	0.708	0.23	0.61	—	pCi/L	Y	—	NQ	08-685	CAMO-08-10456	GELC
R-1	1031.1	11/18/2011	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	Y	0.525	0.16	0.4	—	pCi/L	Y	—	NQ	12-384	CAMO-12-1474	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.396	0.174	0.548	—	pCi/L	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	05/15/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.1	—	—	0.053	mg/L	Y	—	NQ	2017-1533	CAMO-17-132201	GELC
R-1	1031.1	11/09/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.7	—	—	0.053	mg/L	Y	—	NQ	2018-854	CAMO-18-148056	GELC
R-1	1031.1	11/09/2017	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	75.6	—	—	0.053	mg/L	Y	—	NQ	2018-854	CAMO-18-148108	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	77	—	—	0.053	mg/L	Y	—	NQ	2018-2538	CAMO-18-153985	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	76.9	—	—	0.053	mg/L	Y	—	NQ	2018-2538	CAMO-18-153987	GELC
R-1	1031.1	11/08/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	75.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-425	CAMO-19-163974	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	72.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	05/15/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.9	—	—	0.1	mg/L	Y	—	NQ	2017-1533	CAMO-17-132201	GELC
R-1	1031.1	11/09/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.3	—	—	0.1	mg/L	Y	—	NQ	2018-854	CAMO-18-148056	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-1	1031.1	11/09/2017	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	11	—	—	0.1	mg/L	Y	—	NQ	2018-854	CAMO-18-148108	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12	—	—	0.1	mg/L	Y	—	NQ	2018-2538	CAMO-18-153985	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.1	—	—	0.1	mg/L	Y	—	NQ	2018-2538	CAMO-18-153987	GELC
R-1	1031.1	11/08/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-425	CAMO-19-163974	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.7	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.8	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	10/30/2012	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.15	1.49	5.98	—	pCi/L	Y	U	U	2013-247	CAMO-13-24240	GELC
R-1	1031.1	11/10/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.27	1.75	5.8	—	pCi/L	Y	U	U	2015-265	CAMO-15-90209	GELC
R-1	1031.1	11/20/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.0583	0.922	3.53	—	pCi/L	Y	U	U	2016-389	CAMO-16-106096	GELC
R-1	1031.1	11/09/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.583	0.868	3.25	—	pCi/L	Y	U	U	2018-854	CAMO-18-148072	GELC
R-1	1031.1	11/09/2017	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.0407	1.09	4.2	—	pCi/L	Y	U	U	2018-854	CAMO-18-148110	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.45	1.15	5.21	—	pCi/L	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	05/15/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	123	—	—	1	µS/cm	Y	—	NQ	2017-1533	CAMO-17-132201	GELC
R-1	1031.1	11/09/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	145	—	—	1	µS/cm	Y	—	NQ	2018-854	CAMO-18-148056	GELC
R-1	1031.1	11/09/2017	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	142	—	—	1	µS/cm	Y	—	NQ	2018-854	CAMO-18-148108	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	138	—	—	1	µS/cm	Y	—	NQ	2018-2538	CAMO-18-153985	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	136	—	—	1	µS/cm	Y	—	NQ	2018-2538	CAMO-18-153987	GELC
R-1	1031.1	11/08/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	137	—	—	1	µS/cm	Y	—	NQ	N3B-2019-425	CAMO-19-163974	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	146	—	—	1	µS/cm	Y	—	NQ	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	121	—	—	1	µS/cm	Y	—	NQ	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	05/15/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	47.9	—	—	1	µg/L	Y	—	NQ	2017-1533	CAMO-17-132201	GELC
R-1	1031.1	11/09/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	51.2	—	—	1	µg/L	Y	—	NQ	2018-854	CAMO-18-148056	GELC
R-1	1031.1	11/09/2017	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	50.7	—	—	1	µg/L	Y	—	NQ	2018-854	CAMO-18-148108	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	50.5	—	—	1	µg/L	Y	—	NQ	2018-2538	CAMO-18-153985	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	50.7	—	—	1	µg/L	Y	—	NQ	2018-2538	CAMO-18-153987	GELC
R-1	1031.1	11/08/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	50.6	—	—	1	µg/L	Y	—	NQ	N3B-2019-425	CAMO-19-163974	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	49.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	48.6	—	—	1	µg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	10/30/2012	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.225	0.147	0.49	—	pCi/L	Y	U	U	2013-247	CAMO-13-24240	GELC
R-1	1031.1	11/10/2014	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0636	0.0643	0.224	—	pCi/L	Y	U	U	2015-265	CAMO-15-90209	GELC
R-1	1031.1	11/20/2015	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.267	0.147	0.483	—	pCi/L	Y	U	U	2016-389	CAMO-16-106096	GELC
R-1	1031.1	11/09/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.021	0.122	0.452	—	pCi/L	Y	U	U	2018-854	CAMO-18-148072	GELC
R-1	1031.1	11/09/2017	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.113	0.102	0.425	—	pCi/L	Y	U	U	2018-854	CAMO-18-148110	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.00535	0.0926	0.314	—	pCi/L	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	05/15/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.4	—	—	0.133	mg/L	Y	—	NQ	2017-1533	CAMO-17-132201	GELC
R-1	1031.1	11/09/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.25	—	—	0.133	mg/L	Y	—	NQ	2018-854	CAMO-18-148056	GELC
R-1	1031.1	11/09/2017	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.25	—	—	0.133	mg/L	Y	—	NQ	2018-854	CAMO-18-148108	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.2	—	—	0.133	mg/L	Y	—	NQ	2018-2538	CAMO-18-153985	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.18	—	—	0.133	mg/L	Y	—	NQ	2018-2538	CAMO-18-153987	GELC
R-1	1031.1	11/08/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.31	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-425	CAMO-19-163974	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.07	—	—	0.133	mg/L	Y	—	J-	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.19	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	05/15/2017	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2017-1533	CAMO-17-132201	GELC
R-1	1031.1	05/15/2017	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2017-1533	CAMO-17-132221	GELC
R-1	1031.1	11/09/2017	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-854	CAMO-18-148056	GELC
R-1	1031.1	11/09/2017	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-854	CAMO-18-148072	GELC
R-1	1031.1	11/09/2017	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-854	CAMO-18-148108	GELC
R-1	1031.1	11/09/2017	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-854	CAMO-18-148110	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-2538	CAMO-18-153985	GELC
R-1	1031.1	05/10/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-2538	CAMO-18-153986	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-2538	CAMO-18-153987	GELC
R-1	1031.1	05/10/2018	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-2538	CAMO-18-153988	GELC
R-1	1031.1	11/08/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-425	CAMO-19-163974	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-1	1031.1	11/08/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-425	CAMO-19-163975	GELC
R-1	1031.1	05/13/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-1916	CAMO-19-175137	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	05/15/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	124	—	—	3.4	mg/L	Y	—	J	2017-1533	CAMO-17-132201	GELC
R-1	1031.1	11/09/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	98.6	—	—	3.4	mg/L	Y	—	NQ	2018-854	CAMO-18-148056	GELC
R-1	1031.1	11/09/2017	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	136	—	—	3.4	mg/L	Y	—	NQ	2018-854	CAMO-18-148108	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	126	—	—	3.4	mg/L	Y	—	NQ	2018-2538	CAMO-18-153985	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	147	—	—	3.4	mg/L	Y	—	NQ	2018-2538	CAMO-18-153987	GELC
R-1	1031.1	11/08/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	123	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-425	CAMO-19-163974	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	200	—	—	3.4	mg/L	Y	H	NQ	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	149	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	05/15/2017	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2017-1533	CAMO-17-132221	GELC
R-1	1031.1	11/09/2017	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	2018-854	CAMO-18-148072	GELC
R-1	1031.1	11/09/2017	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0723	—	—	0.033	mg/L	Y	J	U	2018-854	CAMO-18-148110	GELC
R-1	1031.1	05/10/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	2018-2538	CAMO-18-153986	GELC
R-1	1031.1	05/10/2018	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	2018-2538	CAMO-18-153988	GELC
R-1	1031.1	11/08/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0455	—	—	0.033	mg/L	Y	J	J	N3B-2019-425	CAMO-19-163975	GELC
R-1	1031.1	05/13/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0913	—	—	0.033	mg/L	Y	J	J	N3B-2019-2011	CAMO-19-175137	GELC
R-1	1031.1	05/15/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0232	—	—	0.02	mg/L	Y	J	J	2017-1533	CAMO-17-132201	GELC
R-1	1031.1	11/09/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0826	—	—	0.02	mg/L	Y	—	NQ	2018-854	CAMO-18-148056	GELC
R-1	1031.1	11/09/2017	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0865	—	—	0.02	mg/L	Y	—	NQ	2018-854	CAMO-18-148108	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0354	—	—	0.02	mg/L	Y	J	J	2018-2538	CAMO-18-153985	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0323	—	—	0.02	mg/L	Y	J	J	2018-2538	CAMO-18-153987	GELC
R-1	1031.1	11/08/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	—	0.02	mg/L	Y	U	U	N3B-2019-425	CAMO-19-163974	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.041	—	—	0.02	mg/L	Y	J	J	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.042	—	—	0.02	mg/L	Y	J	J	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	05/15/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.787	—	—	0.067	µg/L	Y	—	NQ	2017-1533	CAMO-17-132201	GELC
R-1	1031.1	11/09/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.775	—	—	0.067	µg/L	Y	—	NQ	2018-854	CAMO-18-148056	GELC
R-1	1031.1	11/09/2017	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.774	—	—	0.067	µg/L	Y	—	NQ	2018-854	CAMO-18-148108	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.807	—	—	0.067	µg/L	Y	—	NQ	2018-2538	CAMO-18-153985	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.833	—	—	0.067	µg/L	Y	—	NQ	2018-2538	CAMO-18-153987	GELC
R-1	1031.1	11/08/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.764	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-425	CAMO-19-163974	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.793	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.93	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	10/30/2012	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.729	0.0509	0.0719	—	pCi/L	Y	—	NQ	2013-247	CAMO-13-24240	GELC
R-1	1031.1	11/10/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.766	0.0471	0.0576	—	pCi/L	Y	—	NQ	2015-265	CAMO-15-90209	GELC
R-1	1031.1	11/20/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.79	0.0473	0.0893	—	pCi/L	Y	—	NQ	2016-389	CAMO-16-106096	GELC
R-1	1031.1	11/09/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.713	0.0418	0.116	—	pCi/L	Y	—	NQ	2018-854	CAMO-18-148072	GELC
R-1	1031.1	11/09/2017	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.765	0.0443	0.122	—	pCi/L	Y	—	NQ	2018-854	CAMO-18-148110	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.732	0.0668	0.119	—	pCi/L	Y	—	NQ	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	10/30/2012	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0115	0.0101	0.0449	—	pCi/L	Y	U	U	2013-247	CAMO-13-24240	GELC
R-1	1031.1	11/10/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0244	0.0125	0.0502	—	pCi/L	Y	U	U	2015-265	CAMO-15-90209	GELC
R-1	1031.1	11/20/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00676	0.00828	0.0779	—	pCi/L	Y	U	U	2016-389	CAMO-16-106096	GELC
R-1	1031.1	11/09/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0547	0.016	0.0501	—	pCi/L	Y	—	NQ	2018-854	CAMO-18-148072	GELC
R-1	1031.1	11/09/2017	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.091	0.0182	0.0528	—	pCi/L	Y	—	NQ	2018-854	CAMO-18-148110	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0215	0.0152	0.0853	—	pCi/L	Y	U	U	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	10/30/2012	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.335	0.0328	0.0488	—	pCi/L	Y	—	NQ	2013-247	CAMO-13-24240	GELC
R-1	1031.1	11/10/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.324	0.0312	0.0552	—	pCi/L	Y	—	NQ	2015-265	CAMO-15-90209	GELC
R-1	1031.1	11/20/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.298	0.0288	0.0882	—	pCi/L	Y	—	NQ	2016-389	CAMO-16-106096	GELC
R-1	1031.1	11/09/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.324	0.0286	0.0678	—	pCi/L	Y	—	NQ	2018-854	CAMO-18-148072	GELC
R-1	1031.1	11/09/2017	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.373	0.0322	0.0715	—	pCi/L	Y	—	NQ	2018-854	CAMO-18-148110	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.308	0.0447	0.139	—	pCi/L	Y	—	NQ	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	05/15/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.51	—	—	1	µg/L	Y	—	NQ	2017-1533	CAMO-17-132201	GELC
R-1	1031.1	11/09/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.33	—	—	1	µg/L	Y	—	NQ	2018-854	CAMO-18-148056	GELC
R-1	1031.1	11/09/2017	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.97	—	—	1	µg/L	Y	—	NQ	2018-854	CAMO-18-148108	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.83	—	—	1	µg/L	Y	—	NQ	2018-2538	CAMO-18-153985	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	8.09	—	—	1	µg/L	Y	—	NQ	2018-2538	CAMO-18-153987	GELC
R-1	1031.1	11/08/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	8.5	—	—	1	µg/L	Y	—	NQ	N3B-2019-425	CAMO-19-163974	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.45	—	—	1	µg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.6	—	—	1	µg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189137	GELC
R-11	855.0	07/11/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.32	—	—	0.01	SU	Y	H	NQ	N3B-2018-2905	CASA-18-159859	GELC
R-11	855.0	10/29/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.32	—	—	0.01	SU	Y	H	NQ	N3B-2019-289	CASA-19-163698	GELC
R-11	855.0	10/29/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.32	—	—	0.01	SU	Y	H	NQ	N3B-2019-289	CASA-19-163701	GELC
R-11	855.0	11/16/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.28	—	—	0.01	SU	Y	H	NQ	N3B-2019-491	CASA-19-164017	GELC
R-11	855.0	12/17/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.3	—	—	0.01	SU	Y	H	NQ	N3B-2019-672	CASA-19-164840	GELC
R-11	855.0	01/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.22	—	—	0.01	SU	Y	H	NQ	N3B-2019-772	CASA-19-166010	GELC
R-11	855.0	02/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.24	—	—	0.01	SU	Y	H	NQ	N3B-2019-930	CASA-19-166431	GELC
R-11	855.0	03/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.42	—	—	0.01	SU	Y	H	NQ	N3B-2019-1230	CASA-19-167685	GELC
R-11	855.0	04/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.07	—	—	0.01	SU	Y	H	NQ	N3B-2019-1412	CASA-19-174796	GELC
R-11	855.0	04/17/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.19	—	—	0.01	SU	Y	H	NQ	N3B-2019-1412	CASA-19-174800	GELC
R-11	855.0	05/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.32	—	—	0.01	SU	Y	H	NQ	N3B-2019-1991	CASA-19-175182	GELC
R-11	855.0	06/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.36	—	—	0.01	SU	Y	H	NQ	N3B-2019-2198	CASA-19-181661	GELC
R-11	855.0	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.26	—	—	0.01	SU	Y	H	NQ	N3B-2019-2508	CASA-19-182098	GELC
R-11	855.0	08/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.35	—	—	0.01	SU	Y	H	NQ	N3B-2019-3009	CASA-19-184709	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.17	—	—	0.01	SU	Y	H	NQ	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.18	—	—	0.01	SU	Y	H	NQ	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.17	—	—	0.01	SU	Y	H	NQ	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	11/16/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	1.45	mg/L	Y	U	U	N3B-2019-491	CASA-19-164017	GELC
R-11	855.0	12/17/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	1.45	mg/L	Y	U	U	N3B-2019-672	CASA-19-164840	GELC
R-11	855.0	01/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	1.45	mg/L	Y	U	U	N3B-2019-772	CASA-19-166010	GELC
R-11	855.0	02/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	1.45	mg/L	Y	U	U	N3B-2019-930	CASA-19-166431	GELC
R-11	855.0	03/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	2	—	—	1.45	mg/L	Y	J	J	N3B-2019-1230	CASA-19-167685	GELC
R-11	855.0	06/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	1.59	—	—	1.45	mg/L	Y	J	J	N3B-2019-2198	CASA-19-181661	GELC
R-11	855.0	08/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	1.59	—	—	1.45	mg/L	Y	J	J	N3B-2019-3009	CASA-19-184709	GELC
R-11	855.0	07/11/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	76.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2018-2905	CASA-18-159859	GELC
R-11	855.0	10/29/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	80.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-289	CASA-19-163698	GELC
R-11	855.0	10/29/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	77	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-289	CASA-19-163701	GELC
R-11	855.0	11/16/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	76.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-491	CASA-19-164017	GELC
R-11	855.0	12/17/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	76.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-672	CASA-19-164840	GELC
R-11	855.0	01/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	76	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-772	CASA-19-166010	GELC
R-11	855.0	02/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	76.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-930	CASA-19-166431	GELC
R-11	855.0	03/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	76.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-1230	CASA-19-167685	GELC
R-11	855.0	04/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	75.1	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-1412	CASA-19-174796	GELC
R-11	855.0	04/17/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	75.1	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-1412	CASA-19-174800	GELC
R-11	855.0	05/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	79.5	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175182	GELC
R-11	855.0	06/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	75.5	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-2198	CASA-19-181661	GELC
R-11	855.0	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	76.5	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182098	GELC
R-11	855.0	08/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	77.3	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-3009	CASA-19-184709	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	75.3	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	75.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	75.7	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	11/05/2012	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0123	0.00867	0.0349	—	pCi/L	Y	U	U	2013-270	CASA-13-24209	GELC
R-11	855.0	11/19/2014	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0136	0.0175	0.0945	—	pCi/L	Y	U	U	2015-393	CASA-15-90249	GELC
R-11	855.0	11/11/2015	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00463	0.00866	0.0312	—	pCi/L	Y	U	U	2016-315	CASA-16-106240	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-11	855.0	11/08/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0209	0.0134	0.0414	—	pCi/L	Y	U	U	2018-828	CASA-18-147998	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00179	0.00694	0.0361	—	pCi/L	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	01/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.017	mg/L	Y	U	U	N3B-2019-772	CASA-19-166010	GELC
R-11	855.0	02/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0239	—	—	0.017	mg/L	Y	J	U	N3B-2019-930	CASA-19-166431	GELC
R-11	855.0	03/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.017	mg/L	Y	U	U	N3B-2019-1230	CASA-19-167685	GELC
R-11	855.0	04/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0324	—	—	0.017	mg/L	Y	J	U	N3B-2019-1412	CASA-19-174796	GELC
R-11	855.0	04/17/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0335	—	—	0.017	mg/L	Y	J	U	N3B-2019-1412	CASA-19-174800	GELC
R-11	855.0	05/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0693	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175182	GELC
R-11	855.0	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0623	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182098	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0424	—	—	0.017	mg/L	Y	J	U	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0325	—	—	0.017	mg/L	Y	J	J	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	07/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.24	—	—	2	µg/L	Y	J	J	N3B-2018-2905	CASA-18-159859	GELC
R-11	855.0	10/29/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.59	—	—	2	µg/L	Y	J	J	N3B-2019-289	CASA-19-163698	GELC
R-11	855.0	10/29/2018	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	Y	2.91	—	—	2	µg/L	Y	J	J	N3B-2019-289	CASA-19-163701	GELC
R-11	855.0	11/16/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.34	—	—	2	µg/L	Y	J	J	N3B-2019-491	CASA-19-164017	GELC
R-11	855.0	12/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.54	—	—	2	µg/L	Y	J	J	N3B-2019-672	CASA-19-164840	GELC
R-11	855.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.97	—	—	2	µg/L	Y	J	J	N3B-2019-772	CASA-19-166010	GELC
R-11	855.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.26	—	—	2	µg/L	Y	J	J	N3B-2019-930	CASA-19-166431	GELC
R-11	855.0	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.23	—	—	2	µg/L	Y	J	J	N3B-2019-1412	CASA-19-174796	GELC
R-11	855.0	04/17/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	Y	2.16	—	—	2	µg/L	Y	J	J	N3B-2019-1412	CASA-19-174800	GELC
R-11	855.0	05/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.76	—	—	2	µg/L	Y	J	J	N3B-2019-1991	CASA-19-175182	GELC
R-11	855.0	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.68	—	—	2	µg/L	Y	J	J	N3B-2019-2198	CASA-19-181661	GELC
R-11	855.0	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.23	—	—	2	µg/L	Y	J	J	N3B-2019-2508	CASA-19-182098	GELC
R-11	855.0	08/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.97	—	—	2	µg/L	Y	J	J	N3B-2019-3009	CASA-19-184709	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	N	3.71	—	—	2	µg/L	Y	J	U	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Arsenic	As	Y	3.78	—	—	2	µg/L	Y	J	J	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	3.08	—	—	2	µg/L	Y	J	J	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	07/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	36.8	—	—	1	µg/L	Y	—	NQ	N3B-2018-2905	CASA-18-159859	GELC
R-11	855.0	10/29/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	38.6	—	—	1	µg/L	Y	—	NQ	N3B-2019-289	CASA-19-163698	GELC
R-11	855.0	10/29/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	40.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-289	CASA-19-163701	GELC
R-11	855.0	11/16/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	40.3	—	—	1	µg/L	Y	—	NQ	N3B-2019-491	CASA-19-164017	GELC
R-11	855.0	12/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	39.7	—	—	1	µg/L	Y	—	NQ	N3B-2019-672	CASA-19-164840	GELC
R-11	855.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	38.5	—	—	1	µg/L	Y	—	NQ	N3B-2019-772	CASA-19-166010	GELC
R-11	855.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	39.4	—	—	1	µg/L	Y	—	NQ	N3B-2019-930	CASA-19-166431	GELC
R-11	855.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	37.5	—	—	1	µg/L	Y	—	NQ	N3B-2019-1230	CASA-19-167685	GELC
R-11	855.0	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	40.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-1412	CASA-19-174796	GELC
R-11	855.0	04/17/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	40.5	—	—	1	µg/L	Y	—	NQ	N3B-2019-1412	CASA-19-174800	GELC
R-11	855.0	05/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	37.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175182	GELC
R-11	855.0	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	41.4	—	—	1	µg/L	Y	—	NQ	N3B-2019-2198	CASA-19-181661	GELC
R-11	855.0	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	39.1	—	—	1	µg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182098	GELC
R-11	855.0	08/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	38.4	—	—	1	µg/L	Y	—	NQ	N3B-2019-3009	CASA-19-184709	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	39.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	39.7	—	—	1	µg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	39.8	—	—	1	µg/L	Y	—	NQ	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	07/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	27.6	—	—	15	µg/L	Y	J	J	N3B-2018-2905	CASA-18-159859	GELC
R-11	855.0	10/29/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	32.8	—	—	15	µg/L	Y	J	J	N3B-2019-289	CASA-19-163698	GELC
R-11	855.0	10/29/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	Y	34	—	—	15	µg/L	Y	J	J	N3B-2019-289	CASA-19-163701	GELC
R-11	855.0	11/16/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	27.6	—	—	15	µg/L	Y	J	J	N3B-2019-491	CASA-19-164017	GELC
R-11	855.0	12/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	24.4	—	—	15	µg/L	Y	J	J	N3B-2019-672	CASA-19-164840	GELC
R-11	855.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	33.7	—	—	15	µg/L	Y	J	J	N3B-2019-772	CASA-19-166010	GELC
R-11	855.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	28	—	—	15	µg/L	Y	J	J	N3B-2019-930	CASA-19-166431	GELC
R-11	855.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	26.9	—	—	15	µg/L	Y	J	J	N3B-2019-1230	CASA-19-167685	GELC
R-11	855.0	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	31.8	—	—	15	µg/L	Y	J	J	N3B-2019-1412	CASA-19-174796	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-11	855.0	04/17/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	Y	32.6	—	—	15	µg/L	Y	J	J	N3B-2019-1412	CASA-19-174800	GELC
R-11	855.0	05/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	27.6	—	—	15	µg/L	Y	J	J	N3B-2019-1991	CASA-19-175182	GELC
R-11	855.0	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	33.3	—	—	15	µg/L	Y	J	J	N3B-2019-2198	CASA-19-181661	GELC
R-11	855.0	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	28.4	—	—	15	µg/L	Y	J	J	N3B-2019-2508	CASA-19-182098	GELC
R-11	855.0	08/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	26.5	—	—	15	µg/L	Y	J	J	N3B-2019-3009	CASA-19-184709	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	26.7	—	—	15	µg/L	Y	J	J	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	Y	26.4	—	—	15	µg/L	Y	J	J	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	27.7	—	—	15	µg/L	Y	J	J	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	07/11/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0728	—	—	0.067	mg/L	Y	J	J	N3B-2018-2905	CASA-18-159859	GELC
R-11	855.0	10/29/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0713	—	—	0.067	mg/L	Y	J	J	N3B-2019-289	CASA-19-163698	GELC
R-11	855.0	10/29/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.069	—	—	0.067	mg/L	Y	J	J	N3B-2019-289	CASA-19-163701	GELC
R-11	855.0	11/16/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.09	—	—	0.067	mg/L	Y	J	J	N3B-2019-491	CASA-19-164017	GELC
R-11	855.0	12/17/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0983	—	—	0.067	mg/L	Y	J	J	N3B-2019-672	CASA-19-164840	GELC
R-11	855.0	01/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0853	—	—	0.067	mg/L	Y	J	J	N3B-2019-772	CASA-19-166010	GELC
R-11	855.0	02/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.081	—	—	0.067	mg/L	Y	J	J	N3B-2019-930	CASA-19-166431	GELC
R-11	855.0	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	1.27	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182098	GELC
R-11	855.0	07/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	22.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-2905	CASA-18-159859	GELC
R-11	855.0	10/29/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	22.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-289	CASA-19-163698	GELC
R-11	855.0	10/29/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	23.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-289	CASA-19-163701	GELC
R-11	855.0	11/16/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	23.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-491	CASA-19-164017	GELC
R-11	855.0	12/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	23.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-672	CASA-19-164840	GELC
R-11	855.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	22.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-772	CASA-19-166010	GELC
R-11	855.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	23.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-930	CASA-19-166431	GELC
R-11	855.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	21.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1230	CASA-19-167685	GELC
R-11	855.0	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	23.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1412	CASA-19-174796	GELC
R-11	855.0	04/17/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	22.9	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1412	CASA-19-174800	GELC
R-11	855.0	05/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	21.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175182	GELC
R-11	855.0	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	23.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2198	CASA-19-181661	GELC
R-11	855.0	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	22.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182098	GELC
R-11	855.0	08/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	22.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3009	CASA-19-184709	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	22.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	23.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	22.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	11/05/2012	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.37	1.23	4.54	—	pCi/L	Y	U	U	2013-270	CASA-13-24209	GELC
R-11	855.0	11/19/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.01	1.59	5.7	—	pCi/L	Y	U	U	2015-393	CASA-15-90249	GELC
R-11	855.0	11/11/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.428	1.39	5.04	—	pCi/L	Y	U	U	2016-315	CASA-16-106240	GELC
R-11	855.0	11/08/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.81	1.49	5.1	—	pCi/L	Y	U	U	2018-828	CASA-18-147998	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.27	1.16	3.77	—	pCi/L	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	07/11/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.83	—	—	0.067	mg/L	Y	—	NQ	N3B-2018-2905	CASA-18-159859	GELC
R-11	855.0	10/29/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.64	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-289	CASA-19-163698	GELC
R-11	855.0	10/29/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.66	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-289	CASA-19-163701	GELC
R-11	855.0	11/16/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.89	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-491	CASA-19-164017	GELC
R-11	855.0	12/17/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.67	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-672	CASA-19-164840	GELC
R-11	855.0	01/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.82	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-772	CASA-19-166010	GELC
R-11	855.0	02/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.69	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-930	CASA-19-166431	GELC
R-11	855.0	03/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.7	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-1230	CASA-19-167685	GELC
R-11	855.0	04/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.9	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-1412	CASA-19-174796	GELC
R-11	855.0	04/17/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.81	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-1412	CASA-19-174800	GELC
R-11	855.0	05/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.89	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175182	GELC
R-11	855.0	06/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.72	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-2198	CASA-19-181661	GELC
R-11	855.0	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	8.65	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182098	GELC
R-11	855.0	08/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.78	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-3009	CASA-19-184709	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.74	—	—	0.067	mg/L	Y	—	J+	N3B-2019-3294	CASA-19-186479	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-11	855.0	09/16/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.73	—	—	0.067	mg/L	Y	—	J+	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.77	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	07/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	7.05	—	—	3	µg/L	Y	J	J	N3B-2018-2905	CASA-18-159859	GELC
R-11	855.0	10/29/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	6.26	—	—	3	µg/L	Y	J	J	N3B-2019-289	CASA-19-163698	GELC
R-11	855.0	10/29/2018	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	6.77	—	—	3	µg/L	Y	J	J	N3B-2019-289	CASA-19-163701	GELC
R-11	855.0	11/16/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	8.68	—	—	3	µg/L	Y	J	J	N3B-2019-491	CASA-19-164017	GELC
R-11	855.0	12/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	9.59	—	—	3	µg/L	Y	J	J	N3B-2019-672	CASA-19-164840	GELC
R-11	855.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	9.77	—	—	3	µg/L	Y	J	J	N3B-2019-772	CASA-19-166010	GELC
R-11	855.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	9.03	—	—	3	µg/L	Y	J	J	N3B-2019-930	CASA-19-166431	GELC
R-11	855.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	9.04	—	—	3	µg/L	Y	J	J	N3B-2019-1230	CASA-19-167685	GELC
R-11	855.0	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	9.62	—	—	3	µg/L	Y	J	J	N3B-2019-1412	CASA-19-174796	GELC
R-11	855.0	04/17/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	9.6	—	—	3	µg/L	Y	J	J	N3B-2019-1412	CASA-19-174800	GELC
R-11	855.0	05/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	9.81	—	—	3	µg/L	Y	J	J	N3B-2019-1991	CASA-19-175182	GELC
R-11	855.0	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	7.91	—	—	3	µg/L	Y	J	J	N3B-2019-2198	CASA-19-181661	GELC
R-11	855.0	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	7.08	—	—	3	µg/L	Y	J	J	N3B-2019-2508	CASA-19-182098	GELC
R-11	855.0	08/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	7.46	—	—	3	µg/L	Y	J	J	N3B-2019-3009	CASA-19-184709	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	6.67	—	—	3	µg/L	Y	J	J	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Chromium	Cr	Y	6.72	—	—	3	µg/L	Y	J	J	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	7.78	—	—	3	µg/L	Y	J	J	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	11/05/2012	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.04	1.24	4.29	—	pCi/L	Y	U	U	2013-270	CASA-13-24209	GELC
R-11	855.0	11/19/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.46	1.17	4.83	—	pCi/L	Y	U	U	2015-393	CASA-15-90249	GELC
R-11	855.0	11/11/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.94	1.57	5.99	—	pCi/L	Y	U	U	2016-315	CASA-16-106240	GELC
R-11	855.0	11/08/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.13	1.34	5.26	—	pCi/L	Y	U	U	2018-828	CASA-18-147998	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.623	1.11	4.02	—	pCi/L	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	05/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3	—	—	3	µg/L	Y	U	U	N3B-2019-1991	CASA-19-175182	GELC
R-11	855.0	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3	—	—	3	µg/L	Y	U	U	N3B-2019-2198	CASA-19-181661	GELC
R-11	855.0	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3	—	—	3	µg/L	Y	U	U	N3B-2019-2508	CASA-19-182098	GELC
R-11	855.0	08/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3	—	—	3	µg/L	Y	U	U	N3B-2019-3009	CASA-19-184709	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Copper	Cu	Y	0.806	—	—	0.3	µg/L	Y	J	J	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Copper	Cu	Y	0.848	—	—	0.3	µg/L	Y	J	J	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	07/11/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.426	—	—	0.033	mg/L	Y	—	NQ	N3B-2018-2905	CASA-18-159859	GELC
R-11	855.0	10/29/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.427	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-289	CASA-19-163698	GELC
R-11	855.0	10/29/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.437	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-289	CASA-19-163701	GELC
R-11	855.0	11/16/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.385	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-491	CASA-19-164017	GELC
R-11	855.0	12/17/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.341	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-672	CASA-19-164840	GELC
R-11	855.0	01/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.365	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-772	CASA-19-166010	GELC
R-11	855.0	02/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.389	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-930	CASA-19-166431	GELC
R-11	855.0	03/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.328	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-1230	CASA-19-167685	GELC
R-11	855.0	04/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.37	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-1412	CASA-19-174796	GELC
R-11	855.0	04/17/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.376	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-1412	CASA-19-174800	GELC
R-11	855.0	05/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.436	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175182	GELC
R-11	855.0	06/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.443	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2198	CASA-19-181661	GELC
R-11	855.0	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	3.02	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182098	GELC
R-11	855.0	08/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.564	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-3009	CASA-19-184709	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.46	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.466	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.457	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	11/05/2012	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.27	0.862	2.89	—	pCi/L	Y	U	U	2013-270	CASA-13-24209	GELC
R-11	855.0	11/19/2014	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.736	0.72	2.57	—	pCi/L	Y	U	U	2015-393	CASA-15-90249	GELC
R-11	855.0	11/11/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.673	0.781	2.87	—	pCi/L	Y	U	U	2016-315	CASA-16-106240	GELC
R-11	855.0	11/08/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.6	0.737	2.29	—	pCi/L	Y	U	U	2018-828	CASA-18-147998	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.532	0.758	2.97	—	pCi/L	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/05/2012	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.23	0.697	2.26	—	pCi/L	Y	U	U	2013-270	CASA-13-24209	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-11	855.0	11/19/2014	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.63	0.801	2.51	—	pCi/L	Y	U	U	2015-393	CASA-15-90249	GELC
R-11	855.0	11/11/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.92	0.925	2.86	—	pCi/L	Y	—	NQ	2016-315	CASA-16-106240	GELC
R-11	855.0	11/08/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.668	0.607	2.06	—	pCi/L	Y	U	U	2018-828	CASA-18-147998	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.71	0.553	1.77	—	pCi/L	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	07/11/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	80.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2018-2905	CASA-18-159859	GELC
R-11	855.0	10/29/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	83.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-289	CASA-19-163698	GELC
R-11	855.0	10/29/2018	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	87.5	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-289	CASA-19-163701	GELC
R-11	855.0	11/16/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	82.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-491	CASA-19-164017	GELC
R-11	855.0	12/17/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	85.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-672	CASA-19-164840	GELC
R-11	855.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	82.5	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-772	CASA-19-166010	GELC
R-11	855.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	83.9	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-930	CASA-19-166431	GELC
R-11	855.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	78.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-1230	CASA-19-167685	GELC
R-11	855.0	04/17/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	84.9	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-1412	CASA-19-174796	GELC
R-11	855.0	04/17/2019	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	85.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-1412	CASA-19-174800	GELC
R-11	855.0	05/17/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	78	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175182	GELC
R-11	855.0	06/14/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	84	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2198	CASA-19-181661	GELC
R-11	855.0	07/11/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	81.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182098	GELC
R-11	855.0	08/14/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	81	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-3009	CASA-19-184709	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	82.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	83.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	82.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	07/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.97	—	—	0.11	mg/L	Y	—	NQ	N3B-2018-2905	CASA-18-159859	GELC
R-11	855.0	10/29/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.77	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-289	CASA-19-163698	GELC
R-11	855.0	10/29/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	7.14	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-289	CASA-19-163701	GELC
R-11	855.0	11/16/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.02	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-491	CASA-19-164017	GELC
R-11	855.0	12/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.24	—	—	0.11	mg/L	Y	E	NQ	N3B-2019-672	CASA-19-164840	GELC
R-11	855.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.28	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-772	CASA-19-166010	GELC
R-11	855.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.33	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-930	CASA-19-166431	GELC
R-11	855.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.93	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-1230	CASA-19-167685	GELC
R-11	855.0	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.43	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-1412	CASA-19-174796	GELC
R-11	855.0	04/17/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.91	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-1412	CASA-19-174800	GELC
R-11	855.0	05/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.15	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175182	GELC
R-11	855.0	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.3	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-2198	CASA-19-181661	GELC
R-11	855.0	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182098	GELC
R-11	855.0	08/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.14	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-3009	CASA-19-184709	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.25	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.3	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.12	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2	—	—	2	µg/L	Y	U	U	N3B-2019-930	CASA-19-166431	GELC
R-11	855.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2	—	—	2	µg/L	Y	U	U	N3B-2019-1230	CASA-19-167685	GELC
R-11	855.0	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2	—	—	2	µg/L	Y	U	U	N3B-2019-1412	CASA-19-174796	GELC
R-11	855.0	04/17/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Manganese	Mn	N	2	—	—	2	µg/L	Y	U	U	N3B-2019-1412	CASA-19-174800	GELC
R-11	855.0	05/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2	—	—	2	µg/L	Y	U	U	N3B-2019-1991	CASA-19-175182	GELC
R-11	855.0	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	3.91	—	—	2	µg/L	Y	J	J	N3B-2019-2198	CASA-19-181661	GELC
R-11	855.0	03/21/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2019-1230	CASA-19-167686	GELC
R-11	855.0	04/17/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2019-1412	CASA-19-174795	GELC
R-11	855.0	04/17/2019	WG	UF	INIT	FD	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2019-1412	CASA-19-174799	GELC
R-11	855.0	05/17/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2019-1991	CASA-19-175183	GELC
R-11	855.0	06/14/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2019-2198	CASA-19-181662	GELC
R-11	855.0	07/11/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2019-2508	CASA-19-182098	GELC
R-11	855.0	07/11/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	Y	0.086	—	—	0.067	µg/L	Y	J	J	N3B-2019-2508	CASA-19-182099	GELC
R-11	855.0	08/14/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2019-3009	CASA-19-184709	GELC
R-11	855.0	08/14/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	Y	0.083	—	—	0.067	µg/L	Y	J	J	N3B-2019-3009	CASA-19-184710	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-11	855.0	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	10/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2020-83	CASA-20-188126	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	Y	0.155	—	—	0.067	µg/L	Y	J	J	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	Y	0.128	—	—	0.067	µg/L	Y	J	J	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	07/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.48	—	—	0.2	µg/L	Y	—	NQ	N3B-2018-2905	CASA-18-159859	GELC
R-11	855.0	10/29/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.45	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-289	CASA-19-163698	GELC
R-11	855.0	10/29/2018	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.58	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-289	CASA-19-163701	GELC
R-11	855.0	11/16/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.47	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-491	CASA-19-164017	GELC
R-11	855.0	12/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.51	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-672	CASA-19-164840	GELC
R-11	855.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.65	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-772	CASA-19-166010	GELC
R-11	855.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.55	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-930	CASA-19-166431	GELC
R-11	855.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.52	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-1230	CASA-19-167685	GELC
R-11	855.0	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.47	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-1412	CASA-19-174796	GELC
R-11	855.0	04/17/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.46	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-1412	CASA-19-174800	GELC
R-11	855.0	05/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.48	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175182	GELC
R-11	855.0	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.65	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-2198	CASA-19-181661	GELC
R-11	855.0	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.65	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182098	GELC
R-11	855.0	08/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.63	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-3009	CASA-19-184709	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	N	1.92	—	—	0.2	µg/L	Y	—	U	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.62	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.46	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	11/05/2012	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.342	2.55	9.17	—	pCi/L	Y	U	U	2013-270	CASA-13-24209	GELC
R-11	855.0	11/19/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	3.93	2.65	10.1	—	pCi/L	Y	U	U	2015-393	CASA-15-90249	GELC
R-11	855.0	11/11/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.32	3	11	—	pCi/L	Y	U	U	2016-315	CASA-16-106240	GELC
R-11	855.0	11/08/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.4	2.73	9.9	—	pCi/L	Y	U	U	2018-828	CASA-18-147998	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.15	2.26	7.62	—	pCi/L	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	07/11/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	6.33	—	—	0.17	mg/L	Y	—	NQ	N3B-2018-2905	CASA-18-159859	GELC
R-11	855.0	10/29/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.4	—	—	0.85	mg/L	Y	—	NQ	N3B-2019-289	CASA-19-163698	GELC
R-11	855.0	10/29/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.4	—	—	0.85	mg/L	Y	—	NQ	N3B-2019-289	CASA-19-163701	GELC
R-11	855.0	11/16/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.38	—	—	0.17	mg/L	Y	—	NQ	N3B-2019-491	CASA-19-164017	GELC
R-11	855.0	12/17/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.61	—	—	0.17	mg/L	Y	—	NQ	N3B-2019-672	CASA-19-164840	GELC
R-11	855.0	01/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.11	—	—	0.17	mg/L	Y	—	NQ	N3B-2019-772	CASA-19-166010	GELC
R-11	855.0	02/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	4.11	—	—	0.17	mg/L	Y	—	NQ	N3B-2019-930	CASA-19-166431	GELC
R-11	855.0	03/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	6.26	—	—	0.17	mg/L	Y	—	NQ	N3B-2019-1230	CASA-19-167685	GELC
R-11	855.0	04/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	6.41	—	—	0.17	mg/L	Y	—	NQ	N3B-2019-1412	CASA-19-174796	GELC
R-11	855.0	04/17/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	6.06	—	—	0.17	mg/L	Y	—	NQ	N3B-2019-1412	CASA-19-174800	GELC
R-11	855.0	05/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.6	—	—	0.17	mg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175182	GELC
R-11	855.0	06/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.71	—	—	0.17	mg/L	Y	—	NQ	N3B-2019-2198	CASA-19-181661	GELC
R-11	855.0	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.51	—	—	0.17	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182098	GELC
R-11	855.0	08/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.7	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-3009	CASA-19-184709	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.67	—	—	0.17	mg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.63	—	—	0.17	mg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.37	—	—	0.17	mg/L	Y	—	NQ	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	07/11/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.77	—	—	0.05	µg/L	Y	—	NQ	N3B-2018-2905	CASA-18-159859	GELC
R-11	855.0	10/29/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.725	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-289	CASA-19-163698	GELC
R-11	855.0	10/29/2018	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.721	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-289	CASA-19-163701	GELC
R-11	855.0	11/16/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.878	—	—	0.05	µg/L	Y	—	J-	N3B-2019-491	CASA-19-164017	GELC
R-11	855.0	12/17/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.874	—	—	0.05	µg/L	Y	—	J-	N3B-2019-672	CASA-19-164840	GELC
R-11	855.0	01/16/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.824	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-772	CASA-19-166010	GELC
R-11	855.0	02/14/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.728	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-930	CASA-19-166431	GELC
R-11	855.0	03/21/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.744	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-1230	CASA-19-167685	GELC
R-11	855.0	04/17/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.776	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-1412	CASA-19-174796	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-11	855.0	04/17/2019	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.738	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-1412	CASA-19-174800	GELC
R-11	855.0	05/17/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.768	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175182	GELC
R-11	855.0	06/14/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.752	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-2198	CASA-19-181661	GELC
R-11	855.0	07/11/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.75	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182098	GELC
R-11	855.0	08/14/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.754	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-3009	CASA-19-184709	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.778	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.758	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.748	—	—	0.05	µg/L	Y	—	J	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	11/05/2012	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0105	0.00628	0.0201	—	pCi/L	Y	U	U	2013-270	CASA-13-24209	GELC
R-11	855.0	11/19/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00595	0.0152	0.0399	—	pCi/L	Y	U	U	2015-393	CASA-15-90249	GELC
R-11	855.0	11/11/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0149	0.00859	0.029	—	pCi/L	Y	U	U	2016-315	CASA-16-106240	GELC
R-11	855.0	11/08/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.00901	0.047	—	pCi/L	Y	U	U	2018-828	CASA-18-147998	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00916	0.02	0.0594	—	pCi/L	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/05/2012	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00837	0.00662	0.0334	—	pCi/L	Y	U	U	2013-270	CASA-13-24209	GELC
R-11	855.0	11/19/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00298	0.0115	0.0589	—	pCi/L	Y	U	U	2015-393	CASA-15-90249	GELC
R-11	855.0	11/11/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00496	0.00859	0.0557	—	pCi/L	Y	U	U	2016-315	CASA-16-106240	GELC
R-11	855.0	11/08/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00637	0.0101	0.0671	—	pCi/L	Y	U	U	2018-828	CASA-18-147998	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0153	0.0164	0.0476	—	pCi/L	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	07/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.42	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-2905	CASA-18-159859	GELC
R-11	855.0	10/29/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.35	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-289	CASA-19-163698	GELC
R-11	855.0	10/29/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	1.44	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-289	CASA-19-163701	GELC
R-11	855.0	11/16/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.38	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-491	CASA-19-164017	GELC
R-11	855.0	12/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.51	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-672	CASA-19-164840	GELC
R-11	855.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.42	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-772	CASA-19-166010	GELC
R-11	855.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.53	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-930	CASA-19-166431	GELC
R-11	855.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.28	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1230	CASA-19-167685	GELC
R-11	855.0	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.47	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1412	CASA-19-174796	GELC
R-11	855.0	04/17/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	1.43	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1412	CASA-19-174800	GELC
R-11	855.0	05/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.47	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175182	GELC
R-11	855.0	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.44	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2198	CASA-19-181661	GELC
R-11	855.0	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.46	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182098	GELC
R-11	855.0	08/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.5	—	—	0.05	mg/L	Y	—	J+	N3B-2019-3009	CASA-19-184709	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.52	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	1.45	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.69	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	11/05/2012	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	15.8	17.4	70.2	—	pCi/L	Y	U	U	2013-270	CASA-13-24209	GELC
R-11	855.0	11/19/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	Y	71.5	14.3	37.8	—	pCi/L	Y	—	NQ	2015-393	CASA-15-90249	GELC
R-11	855.0	11/11/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-28.8	18.9	63.9	—	pCi/L	Y	U	U	2016-315	CASA-16-106240	GELC
R-11	855.0	11/08/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-20.7	19.4	72.3	—	pCi/L	Y	U	U	2018-828	CASA-18-147998	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-9.35	14.2	48.8	—	pCi/L	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	08/03/2005	WG	UF	INIT	REG	RAD	EPA:901.1	Radium-226	Ra-226	N	5.11	1.99	7.85	—	pCi/L	Y	U	U	142495	GU05080G11R01	GELC
R-11	855.0	11/08/2005	WG	UF	INIT	REG	RAD	EPA:901.1	Radium-226	Ra-226	N	2.27	3.12	5.64	—	pCi/L	Y	U	U	149897	GU05110G11R01	GELC
R-11	855.0	11/08/2005	WG	UF	INIT	FD	RAD	EPA:901.1	Radium-226	Ra-226	N	9.82	1.83	7.09	—	pCi/L	Y	UI	R	149897	GU05110G11R90	GELC
R-11	855.0	11/07/2007	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.189	0.12	0.38	—	pCi/L	Y	U	U	08-136	CASA-08-7436	GELC
R-11	855.0	02/06/2008	WG	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	N	0.321	0.12	0.35	—	pCi/L	Y	U	U	08-591	CASA-08-10552	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.0718	0.0794	0.295	—	pCi/L	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.3	0.173	—	—	pCi/L	Y	—	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/07/2007	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	Y	0.481	0.14	0.34	—	pCi/L	Y	—	NQ	08-136	CASA-08-7436	GELC
R-11	855.0	02/06/2008	WG	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	N	0.255	0.15	0.48	—	pCi/L	Y	U	U	08-591	CASA-08-10552	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.228	0.153	0.513	—	pCi/L	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	07/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	72.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2018-2905	CASA-18-159859	GELC
R-11	855.0	10/29/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-289	CASA-19-163698	GELC
R-11	855.0	10/29/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	72.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-289	CASA-19-163701	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-11	855.0	11/16/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-491	CASA-19-164017	GELC
R-11	855.0	12/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	77.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-672	CASA-19-164840	GELC
R-11	855.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-772	CASA-19-166010	GELC
R-11	855.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-930	CASA-19-166431	GELC
R-11	855.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-1230	CASA-19-167685	GELC
R-11	855.0	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-1412	CASA-19-174796	GELC
R-11	855.0	04/17/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-1412	CASA-19-174800	GELC
R-11	855.0	05/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175182	GELC
R-11	855.0	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	78.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-2198	CASA-19-181661	GELC
R-11	855.0	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182098	GELC
R-11	855.0	08/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-3009	CASA-19-184709	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	07/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12	—	—	0.1	mg/L	Y	—	NQ	N3B-2018-2905	CASA-18-159859	GELC
R-11	855.0	10/29/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-289	CASA-19-163698	GELC
R-11	855.0	10/29/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.8	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-289	CASA-19-163701	GELC
R-11	855.0	11/16/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.8	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-491	CASA-19-164017	GELC
R-11	855.0	12/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.6	—	—	0.1	mg/L	Y	E	NQ	N3B-2019-672	CASA-19-164840	GELC
R-11	855.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-772	CASA-19-166010	GELC
R-11	855.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.8	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-930	CASA-19-166431	GELC
R-11	855.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.7	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-1230	CASA-19-167685	GELC
R-11	855.0	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.8	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-1412	CASA-19-174796	GELC
R-11	855.0	04/17/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.5	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-1412	CASA-19-174800	GELC
R-11	855.0	05/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.8	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175182	GELC
R-11	855.0	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-2198	CASA-19-181661	GELC
R-11	855.0	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182098	GELC
R-11	855.0	08/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-3009	CASA-19-184709	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.5	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	11/05/2012	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.73	1.17	3.75	—	pCi/L	Y	U	U	2013-270	CASA-13-24209	GELC
R-11	855.0	11/19/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.384	1.05	4.41	—	pCi/L	Y	U	U	2015-393	CASA-15-90249	GELC
R-11	855.0	11/11/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	2.61	1.46	5.94	—	pCi/L	Y	U	U	2016-315	CASA-16-106240	GELC
R-11	855.0	11/08/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	3.09	1.37	5.24	—	pCi/L	Y	U	U	2018-828	CASA-18-147998	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.842	1.16	4.62	—	pCi/L	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	07/11/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	226	—	—	1	µS/cm	Y	—	NQ	N3B-2018-2905	CASA-18-159859	GELC
R-11	855.0	10/29/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	223	—	—	1	µS/cm	Y	—	NQ	N3B-2019-289	CASA-19-163698	GELC
R-11	855.0	10/29/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	223	—	—	1	µS/cm	Y	—	NQ	N3B-2019-289	CASA-19-163701	GELC
R-11	855.0	11/16/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	225	—	—	1	µS/cm	Y	—	NQ	N3B-2019-491	CASA-19-164017	GELC
R-11	855.0	12/17/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	228	—	—	1	µS/cm	Y	—	NQ	N3B-2019-672	CASA-19-164840	GELC
R-11	855.0	01/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	226	—	—	1	µS/cm	Y	—	NQ	N3B-2019-772	CASA-19-166010	GELC
R-11	855.0	02/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	228	—	—	1	µS/cm	Y	—	NQ	N3B-2019-930	CASA-19-166431	GELC
R-11	855.0	03/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	224	—	—	1	µS/cm	Y	—	NQ	N3B-2019-1230	CASA-19-167685	GELC
R-11	855.0	04/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	224	—	—	1	µS/cm	Y	—	NQ	N3B-2019-1412	CASA-19-174796	GELC
R-11	855.0	04/17/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	223	—	—	1	µS/cm	Y	—	NQ	N3B-2019-1412	CASA-19-174800	GELC
R-11	855.0	05/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	224	—	—	1	µS/cm	Y	—	NQ	N3B-2019-1991	CASA-19-175182	GELC
R-11	855.0	06/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	227	—	—	1	µS/cm	Y	—	NQ	N3B-2019-2198	CASA-19-181661	GELC
R-11	855.0	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	223	—	—	1	µS/cm	Y	—	NQ	N3B-2019-2508	CASA-19-182098	GELC
R-11	855.0	08/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	197	—	—	1	µS/cm	Y	—	NQ	N3B-2019-3009	CASA-19-184709	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	199	—	—	1	µS/cm	Y	—	NQ	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	200	—	—	1	µS/cm	Y	—	NQ	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	201	—	—	1	µS/cm	Y	—	NQ	N3B-2020-372	CASA-20-189207	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-11	855.0	07/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	88.3	—	—	1	µg/L	Y	—	NQ	N3B-2018-2905	CASA-18-159859	GELC
R-11	855.0	10/29/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	88.3	—	—	1	µg/L	Y	—	NQ	N3B-2019-289	CASA-19-163698	GELC
R-11	855.0	10/29/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	92	—	—	1	µg/L	Y	—	NQ	N3B-2019-289	CASA-19-163701	GELC
R-11	855.0	11/16/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	85.8	—	—	1	µg/L	Y	—	NQ	N3B-2019-491	CASA-19-164017	GELC
R-11	855.0	12/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	91.8	—	—	1	µg/L	Y	—	NQ	N3B-2019-672	CASA-19-164840	GELC
R-11	855.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	88.1	—	—	1	µg/L	Y	—	NQ	N3B-2019-772	CASA-19-166010	GELC
R-11	855.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	94.8	—	—	1	µg/L	Y	—	NQ	N3B-2019-930	CASA-19-166431	GELC
R-11	855.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	87.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-1230	CASA-19-167685	GELC
R-11	855.0	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	92.7	—	—	1	µg/L	Y	—	NQ	N3B-2019-1412	CASA-19-174796	GELC
R-11	855.0	04/17/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	90.7	—	—	1	µg/L	Y	—	NQ	N3B-2019-1412	CASA-19-174800	GELC
R-11	855.0	05/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	87.1	—	—	1	µg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175182	GELC
R-11	855.0	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	87.3	—	—	1	µg/L	Y	—	NQ	N3B-2019-2198	CASA-19-181661	GELC
R-11	855.0	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	90.1	—	—	1	µg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182098	GELC
R-11	855.0	08/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	88	—	—	1	µg/L	Y	—	NQ	N3B-2019-3009	CASA-19-184709	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	92.1	—	—	1	µg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	93.4	—	—	1	µg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	90.8	—	—	1	µg/L	Y	—	NQ	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	11/05/2012	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.391	0.135	0.399	—	pCi/L	Y	U	U	2013-270	CASA-13-24209	GELC
R-11	855.0	11/19/2014	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.00622	0.131	0.48	—	pCi/L	Y	U	U	2015-393	CASA-15-90249	GELC
R-11	855.0	11/11/2015	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.293	0.101	0.487	—	pCi/L	Y	U	U	2016-315	CASA-16-106240	GELC
R-11	855.0	11/08/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.000543	0.124	0.442	—	pCi/L	Y	U	U	2018-828	CASA-18-147998	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.346	0.15	0.489	—	pCi/L	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	07/11/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	10.4	—	—	0.133	mg/L	Y	—	NQ	N3B-2018-2905	CASA-18-159859	GELC
R-11	855.0	10/29/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	10.3	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-289	CASA-19-163698	GELC
R-11	855.0	10/29/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	10.2	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-289	CASA-19-163701	GELC
R-11	855.0	11/16/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	10.6	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-491	CASA-19-164017	GELC
R-11	855.0	12/17/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	10.3	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-672	CASA-19-164840	GELC
R-11	855.0	01/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	10.2	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-772	CASA-19-166010	GELC
R-11	855.0	02/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	9.97	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-930	CASA-19-166431	GELC
R-11	855.0	03/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	10.2	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-1230	CASA-19-167685	GELC
R-11	855.0	04/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	10.3	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-1412	CASA-19-174796	GELC
R-11	855.0	04/17/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	10.3	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-1412	CASA-19-174800	GELC
R-11	855.0	05/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	10.1	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175182	GELC
R-11	855.0	06/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	10.1	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-2198	CASA-19-181661	GELC
R-11	855.0	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	20.2	—	—	0.532	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182098	GELC
R-11	855.0	08/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	10.6	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-3009	CASA-19-184709	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	10.5	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	10.6	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	10	—	—	0.133	mg/L	Y	—	J+	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	07/11/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2018-2905	CASA-18-159859	GELC
R-11	855.0	07/11/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2018-2905	CASA-18-159860	GELC
R-11	855.0	10/29/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-289	CASA-19-163698	GELC
R-11	855.0	10/29/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-289	CASA-19-163699	GELC
R-11	855.0	10/29/2018	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-289	CASA-19-163701	GELC
R-11	855.0	10/29/2018	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-289	CASA-19-163702	GELC
R-11	855.0	11/16/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-491	CASA-19-164017	GELC
R-11	855.0	11/16/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-491	CASA-19-164018	GELC
R-11	855.0	12/17/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-672	CASA-19-164840	GELC
R-11	855.0	12/17/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-672	CASA-19-164841	GELC
R-11	855.0	01/16/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-772	CASA-19-166010	GELC
R-11	855.0	01/16/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-772	CASA-19-166011	GELC
R-11	855.0	02/14/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-930	CASA-19-166431	GELC
R-11	855.0	02/14/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-930	CASA-19-166432	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-11	855.0	03/21/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-1230	CASA-19-167685	GELC
R-11	855.0	03/21/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-1230	CASA-19-167686	GELC
R-11	855.0	04/17/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-1412	CASA-19-174795	GELC
R-11	855.0	04/17/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-1412	CASA-19-174796	GELC
R-11	855.0	04/17/2019	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-1412	CASA-19-174799	GELC
R-11	855.0	04/17/2019	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-1412	CASA-19-174800	GELC
R-11	855.0	05/17/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-1943	CASA-19-175183	GELC
R-11	855.0	05/17/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-1991	CASA-19-175182	GELC
R-11	855.0	06/14/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-2198	CASA-19-181661	GELC
R-11	855.0	06/14/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-2198	CASA-19-181662	GELC
R-11	855.0	07/11/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-2508	CASA-19-182098	GELC
R-11	855.0	07/11/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-2508	CASA-19-182099	GELC
R-11	855.0	08/14/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-3009	CASA-19-184709	GELC
R-11	855.0	08/14/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-3009	CASA-19-184710	GELC
R-11	855.0	09/16/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2019-3294	CASA-19-186478	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2019-3294	CASA-19-186486	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2019-772	CASA-19-166010	GELC
R-11	855.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2019-930	CASA-19-166431	GELC
R-11	855.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2019-1230	CASA-19-167685	GELC
R-11	855.0	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	4.27	—	—	2.5	µg/L	Y	J	U	N3B-2019-1412	CASA-19-174796	GELC
R-11	855.0	04/17/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Tin	Sn	N	6.32	—	—	2.5	µg/L	Y	J	U	N3B-2019-1412	CASA-19-174800	GELC
R-11	855.0	05/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	19.5	—	—	2.5	µg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175182	GELC
R-11	855.0	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	2.66	—	—	2.5	µg/L	Y	J	J	N3B-2019-2508	CASA-19-182098	GELC
R-11	855.0	07/11/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	179	—	—	3.4	mg/L	Y	—	NQ	N3B-2018-2905	CASA-18-159859	GELC
R-11	855.0	10/29/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	244	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-289	CASA-19-163698	GELC
R-11	855.0	10/29/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	281	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-289	CASA-19-163701	GELC
R-11	855.0	11/16/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	200	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-491	CASA-19-164017	GELC
R-11	855.0	12/17/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	193	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-672	CASA-19-164840	GELC
R-11	855.0	01/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	233	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-772	CASA-19-166010	GELC
R-11	855.0	02/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	149	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-930	CASA-19-166431	GELC
R-11	855.0	03/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	179	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-1230	CASA-19-167685	GELC
R-11	855.0	04/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	219	—	—	3.4	mg/L	Y	—	J+	N3B-2019-1412	CASA-19-174796	GELC
R-11	855.0	04/17/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	217	—	—	3.4	mg/L	Y	—	J+	N3B-2019-1412	CASA-19-174800	GELC
R-11	855.0	05/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	299	—	—	3.4	mg/L	Y	H	NQ	N3B-2019-1991	CASA-19-175182	GELC
R-11	855.0	06/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	163	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-2198	CASA-19-181661	GELC
R-11	855.0	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	217	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182098	GELC
R-11	855.0	08/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	187	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-3009	CASA-19-184709	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	219	—	—	3.4	mg/L	Y	—	J+	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	230	—	—	3.4	mg/L	Y	—	J+	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	220	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	11/16/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2019-491	CASA-19-164018	GELC
R-11	855.0	12/17/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.112	—	—	0.033	mg/L	Y	—	U	N3B-2019-672	CASA-19-164841	GELC
R-11	855.0	01/16/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2019-772	CASA-19-166011	GELC
R-11	855.0	02/14/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.175	—	—	0.033	mg/L	Y	—	U	N3B-2019-930	CASA-19-166432	GELC
R-11	855.0	03/21/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0828	—	—	0.033	mg/L	Y	J	J	N3B-2019-1230	CASA-19-167686	GELC
R-11	855.0	04/17/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2019-1412	CASA-19-174795	GELC
R-11	855.0	04/17/2019	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0583	—	—	0.033	mg/L	Y	J	J	N3B-2019-1412	CASA-19-174799	GELC
R-11	855.0	05/17/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0977	—	—	0.033	mg/L	Y	J	J	N3B-2019-1991	CASA-19-175183	GELC
R-11	855.0	08/14/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0388	—	—	0.033	mg/L	Y	J	J	N3B-2019-3009	CASA-19-184710	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-11	855.0	03/21/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2019-1230	CASA-19-167686	GELC
R-11	855.0	04/17/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2019-1412	CASA-19-174795	GELC
R-11	855.0	04/17/2019	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2019-1412	CASA-19-174799	GELC
R-11	855.0	05/17/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2019-1991	CASA-19-175183	GELC
R-11	855.0	06/14/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2019-2198	CASA-19-181662	GELC
R-11	855.0	07/11/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.331	—	—	0.33	mg/L	Y	J	J	N3B-2019-2508	CASA-19-182099	GELC
R-11	855.0	10/29/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0281	—	—	0.02	mg/L	Y	J	U	N3B-2019-289	CASA-19-163698	GELC
R-11	855.0	10/29/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0276	—	—	0.02	mg/L	Y	J	U	N3B-2019-289	CASA-19-163701	GELC
R-11	855.0	11/16/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	—	0.02	mg/L	Y	U	U	N3B-2019-491	CASA-19-164017	GELC
R-11	855.0	12/17/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0313	—	—	0.02	mg/L	Y	J	U	N3B-2019-672	CASA-19-164840	GELC
R-11	855.0	01/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0311	—	—	0.02	mg/L	Y	J	U	N3B-2019-772	CASA-19-166010	GELC
R-11	855.0	02/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0257	—	—	0.02	mg/L	Y	J	J	N3B-2019-930	CASA-19-166431	GELC
R-11	855.0	03/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0775	—	—	0.02	mg/L	Y	—	NQ	N3B-2019-1230	CASA-19-167685	GELC
R-11	855.0	04/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0528	—	—	0.02	mg/L	Y	—	NQ	N3B-2019-1412	CASA-19-174796	GELC
R-11	855.0	04/17/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0533	—	—	0.02	mg/L	Y	—	NQ	N3B-2019-1412	CASA-19-174800	GELC
R-11	855.0	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0725	—	—	0.02	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182098	GELC
R-11	855.0	08/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0856	—	—	0.02	mg/L	Y	—	NQ	N3B-2019-3009	CASA-19-184709	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.021	—	—	0.02	mg/L	Y	J	J	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	11/11/2015	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	4.616	1.026	2.259	—	pCi/L	Y	—	NQ	2016-322	CASA-16-106240	ARSL
R-11	855.0	11/16/2016	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	1.701	0.566	1.601	—	pCi/L	Y	—	J-	2017-504	CASA-17-127271	ARSL
R-11	855.0	11/08/2017	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.098	0.83	2.816	—	pCi/L	Y	QU	U	2018-833	CASA-18-147998	ARSL
R-11	855.0	11/16/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.678	0.971	3.076	—	pCi/L	Y	U	U	N3B-2019-516	CASA-19-164018	ARSL
R-11	855.0	01/16/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	3.037	1.069	3.094	—	pCi/L	Y	U	U	N3B-2019-773	CASA-19-166011	ARSL
R-11	855.0	05/17/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.618	0.91	3.029	—	pCi/L	Y	U	U	N3B-2019-1983	CASA-19-175183	ARSL
R-11	855.0	07/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.79	—	—	0.067	µg/L	Y	—	NQ	N3B-2018-2905	CASA-18-159859	GELC
R-11	855.0	10/29/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.696	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-289	CASA-19-163698	GELC
R-11	855.0	10/29/2018	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.727	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-289	CASA-19-163701	GELC
R-11	855.0	11/16/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.75	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-491	CASA-19-164017	GELC
R-11	855.0	12/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.736	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-672	CASA-19-164840	GELC
R-11	855.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.788	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-772	CASA-19-166010	GELC
R-11	855.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.808	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-930	CASA-19-166431	GELC
R-11	855.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.757	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-1230	CASA-19-167685	GELC
R-11	855.0	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.714	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-1412	CASA-19-174796	GELC
R-11	855.0	04/17/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.73	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-1412	CASA-19-174800	GELC
R-11	855.0	05/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.687	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175182	GELC
R-11	855.0	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.784	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-2198	CASA-19-181661	GELC
R-11	855.0	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.72	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182098	GELC
R-11	855.0	08/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.803	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-3009	CASA-19-184709	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.7	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Uranium	U	Y	0.707	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.781	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	11/05/2012	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.516	0.039	0.0617	—	pCi/L	Y	—	J	2013-270	CASA-13-24209	GELC
R-11	855.0	11/19/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.596	0.0574	0.104	—	pCi/L	Y	—	NQ	2015-393	CASA-15-90249	GELC
R-11	855.0	11/11/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.629	0.0405	0.0812	—	pCi/L	Y	—	NQ	2016-315	CASA-16-106240	GELC
R-11	855.0	11/08/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.776	0.0415	0.106	—	pCi/L	Y	—	NQ	2018-828	CASA-18-147998	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.638	0.0517	0.0789	—	pCi/L	Y	—	NQ	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/05/2012	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0132	0.0104	0.0385	—	pCi/L	Y	U	U	2013-270	CASA-13-24209	GELC
R-11	855.0	11/19/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0126	0.0126	0.0909	—	pCi/L	Y	U	U	2015-393	CASA-15-90249	GELC
R-11	855.0	11/11/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0184	0.0106	0.0708	—	pCi/L	Y	U	U	2016-315	CASA-16-106240	GELC
R-11	855.0	11/08/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0709	0.0164	0.0457	—	pCi/L	Y	—	NQ	2018-828	CASA-18-147998	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0125	0.0107	0.0569	—	pCi/L	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/05/2012	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.218	0.0258	0.0419	—	pCi/L	Y	—	J	2013-270	CASA-13-24209	GELC
R-11	855.0	11/19/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.163	0.033	0.0999	—	pCi/L	Y	—	NQ	2015-393	CASA-15-90249	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-11	855.0	11/11/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.231	0.0245	0.0802	—	pCi/L	Y	—	NQ	2016-315	CASA-16-106240	GELC
R-11	855.0	11/08/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.297	0.0262	0.0619	—	pCi/L	Y	—	NQ	2018-828	CASA-18-147998	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.264	0.0335	0.0922	—	pCi/L	Y	—	NQ	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	07/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.54	—	—	1	µg/L	Y	—	NQ	N3B-2018-2905	CASA-18-159859	GELC
R-11	855.0	10/29/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.49	—	—	1	µg/L	Y	—	NQ	N3B-2019-289	CASA-19-163698	GELC
R-11	855.0	10/29/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.85	—	—	1	µg/L	Y	—	NQ	N3B-2019-289	CASA-19-163701	GELC
R-11	855.0	11/16/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.78	—	—	1	µg/L	Y	—	NQ	N3B-2019-491	CASA-19-164017	GELC
R-11	855.0	12/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.9	—	—	1	µg/L	Y	—	NQ	N3B-2019-672	CASA-19-164840	GELC
R-11	855.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.75	—	—	1	µg/L	Y	—	NQ	N3B-2019-772	CASA-19-166010	GELC
R-11	855.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.29	—	—	1	µg/L	Y	—	NQ	N3B-2019-930	CASA-19-166431	GELC
R-11	855.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.74	—	—	1	µg/L	Y	—	NQ	N3B-2019-1230	CASA-19-167685	GELC
R-11	855.0	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.11	—	—	1	µg/L	Y	—	NQ	N3B-2019-1412	CASA-19-174796	GELC
R-11	855.0	04/17/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.6	—	—	1	µg/L	Y	—	NQ	N3B-2019-1412	CASA-19-174800	GELC
R-11	855.0	05/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.68	—	—	1	µg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175182	GELC
R-11	855.0	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.34	—	—	1	µg/L	Y	—	NQ	N3B-2019-2198	CASA-19-181661	GELC
R-11	855.0	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.14	—	—	1	µg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182098	GELC
R-11	855.0	08/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.88	—	—	1	µg/L	Y	—	NQ	N3B-2019-3009	CASA-19-184709	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.09	—	—	1	µg/L	Y	—	NQ	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	07/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	7.56	—	—	3.3	µg/L	Y	J	J	N3B-2018-2905	CASA-18-159859	GELC
R-11	855.0	10/29/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	7.26	—	—	3.3	µg/L	Y	J	J	N3B-2019-289	CASA-19-163698	GELC
R-11	855.0	10/29/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Zinc	Zn	Y	7.06	—	—	3.3	µg/L	Y	J	J	N3B-2019-289	CASA-19-163701	GELC
R-11	855.0	11/16/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	7.99	—	—	3.3	µg/L	Y	J	J	N3B-2019-491	CASA-19-164017	GELC
R-11	855.0	12/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	8.9	—	—	3.3	µg/L	Y	J	J	N3B-2019-672	CASA-19-164840	GELC
R-11	855.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	6.89	—	—	3.3	µg/L	Y	J	J	N3B-2019-772	CASA-19-166010	GELC
R-11	855.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	9.49	—	—	3.3	µg/L	Y	J	J	N3B-2019-930	CASA-19-166431	GELC
R-11	855.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	5.04	—	—	3.3	µg/L	Y	J	J	N3B-2019-1230	CASA-19-167685	GELC
R-11	855.0	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	14.9	—	—	3.3	µg/L	Y	J	J	N3B-2019-2508	CASA-19-182098	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Zinc	Zn	N	8.66	—	—	3.3	µg/L	Y	J	U	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Zinc	Zn	Y	8.33	—	—	3.3	µg/L	Y	J	J	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	7.41	—	—	3.3	µg/L	Y	J	J	N3B-2020-372	CASA-20-189207	GELC
R-13	958.3	05/06/2010	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3.5	µg/L	Y	U	UJ	10-3076	CAMO-10-16787	GELC
R-13	958.3	05/06/2010	WG	UF	INIT	FD	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3.5	µg/L	Y	U	UJ	10-3076	CAMO-10-16812	GELC
R-13	958.3	07/13/2010	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3.5	µg/L	Y	U	UJ	10-3666	CAMO-10-22848	GELC
R-13	958.3	11/10/2015	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3	µg/L	Y	UH	UJ	2016-313	CAMO-16-106097	GELC
R-13	958.3	11/08/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	—	1.5	µg/L	Y	U	U	2018-827	CAMO-18-148073	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	3.3	—	—	1.5	µg/L	Y	J	J	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	01/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.38	—	—	0.01	SU	Y	H	NQ	2018-1524	CAMO-18-150801	GELC
R-13	958.3	05/14/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.32	—	—	0.01	SU	Y	H	NQ	2018-2550	CAMO-18-153989	GELC
R-13	958.3	07/13/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.34	—	—	0.01	SU	Y	H	NQ	N3B-2018-2925	CAMO-18-159795	GELC
R-13	958.3	07/13/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.33	—	—	0.01	SU	Y	H	NQ	N3B-2018-2925	CAMO-18-159797	GELC
R-13	958.3	11/07/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.31	—	—	0.01	SU	Y	H	NQ	N3B-2019-413	CAMO-19-163976	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.2	—	—	0.01	SU	Y	H	NQ	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.27	—	—	0.01	SU	Y	H	NQ	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.3	—	—	0.01	SU	Y	H	NQ	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.57	—	—	0.01	SU	Y	H	NQ	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	11/07/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	1.45	mg/L	Y	U	U	N3B-2019-413	CAMO-19-163976	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	1.45	mg/L	Y	U	U	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	1.45	mg/L	Y	U	U	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	1.45	mg/L	Y	U	U	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	1.99	—	—	1.45	mg/L	Y	J	J	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	01/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.4	—	—	1.45	mg/L	Y	—	NQ	2018-1524	CAMO-18-150801	GELC
R-13	958.3	05/14/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.4	—	—	1.45	mg/L	Y	—	NQ	2018-2550	CAMO-18-153989	GELC
R-13	958.3	07/13/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2018-2925	CAMO-18-159795	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-13	958.3	07/13/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2018-2925	CAMO-18-159797	GELC
R-13	958.3	11/07/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-413	CAMO-19-163976	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	10/31/2012	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0077	0.00574	0.0292	—	pCi/L	Y	U	U	2013-258	CAMO-13-24241	GELC
R-13	958.3	11/19/2014	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.00849	0.0723	—	pCi/L	Y	U	U	2015-391	CAMO-15-90210	GELC
R-13	958.3	11/10/2015	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.0122	0.0351	—	pCi/L	Y	U	U	2016-313	CAMO-16-106097	GELC
R-13	958.3	11/08/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00726	0.00873	0.0431	—	pCi/L	Y	U	U	2018-827	CAMO-18-148073	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00822	0.0065	0.0412	—	pCi/L	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	07/13/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.038	—	—	0.017	mg/L	Y	J	U	N3B-2018-2925	CAMO-18-159795	GELC
R-13	958.3	07/13/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0253	—	—	0.017	mg/L	Y	J	U	N3B-2018-2925	CAMO-18-159797	GELC
R-13	958.3	11/07/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.017	mg/L	Y	U	U	N3B-2019-413	CAMO-19-163976	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.017	mg/L	Y	U	U	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0246	—	—	0.017	mg/L	Y	J	U	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0315	—	—	0.017	mg/L	Y	J	J	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	01/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	2018-1524	CAMO-18-150801	GELC
R-13	958.3	05/14/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	2018-2550	CAMO-18-153989	GELC
R-13	958.3	07/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	N3B-2018-2925	CAMO-18-159795	GELC
R-13	958.3	07/13/2018	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	N3B-2018-2925	CAMO-18-159797	GELC
R-13	958.3	11/07/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	N3B-2019-413	CAMO-19-163976	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.48	—	—	2	µg/L	Y	J	J	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.15	—	—	2	µg/L	Y	J	J	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	6.2	—	—	2	µg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.1	—	—	2	µg/L	Y	J	J	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	01/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	25	—	—	1	µg/L	Y	—	NQ	2018-1524	CAMO-18-150801	GELC
R-13	958.3	05/14/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	26.1	—	—	1	µg/L	Y	—	NQ	2018-2550	CAMO-18-153989	GELC
R-13	958.3	07/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	25.6	—	—	1	µg/L	Y	—	NQ	N3B-2018-2925	CAMO-18-159795	GELC
R-13	958.3	07/13/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	26.5	—	—	1	µg/L	Y	—	NQ	N3B-2018-2925	CAMO-18-159797	GELC
R-13	958.3	11/07/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	24.7	—	—	1	µg/L	Y	—	NQ	N3B-2019-413	CAMO-19-163976	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	24.6	—	—	1	µg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	23.8	—	—	1	µg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	25.1	—	—	1	µg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	26.2	—	—	1	µg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	01/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	2018-1524	CAMO-18-150801	GELC
R-13	958.3	05/14/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	16.7	—	—	15	µg/L	Y	J	J	2018-2550	CAMO-18-153989	GELC
R-13	958.3	07/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2018-2925	CAMO-18-159795	GELC
R-13	958.3	07/13/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2018-2925	CAMO-18-159797	GELC
R-13	958.3	11/07/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2019-413	CAMO-19-163976	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	16.3	—	—	15	µg/L	Y	J	J	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	15.2	—	—	15	µg/L	Y	J	J	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	01/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	14.3	—	—	0.05	mg/L	Y	—	NQ	2018-1524	CAMO-18-150801	GELC
R-13	958.3	05/14/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	14.6	—	—	0.05	mg/L	Y	—	NQ	2018-2550	CAMO-18-153989	GELC
R-13	958.3	07/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	13.9	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-2925	CAMO-18-159795	GELC
R-13	958.3	07/13/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	14.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-2925	CAMO-18-159797	GELC
R-13	958.3	11/07/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	13.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-413	CAMO-19-163976	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	13.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	13.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	13.9	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	14	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	10/31/2012	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.91	1.31	4.23	—	pCi/L	Y	U	U	2013-258	CAMO-13-24241	GELC
R-13	958.3	11/19/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	3.06	2.21	8.47	—	pCi/L	Y	U	U	2015-391	CAMO-15-90210	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-13	958.3	11/10/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	4.56	2.23	4.78	—	pCi/L	Y	U	U	2016-313	CAMO-16-106097	GELC
R-13	958.3	11/08/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.08	1.02	4.16	—	pCi/L	Y	U	U	2018-827	CAMO-18-148073	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.65	1.52	5.96	—	pCi/L	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	01/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.44	—	—	0.067	mg/L	Y	—	NQ	2018-1524	CAMO-18-150801	GELC
R-13	958.3	05/14/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.44	—	—	0.067	mg/L	Y	—	NQ	2018-2550	CAMO-18-153989	GELC
R-13	958.3	07/13/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.56	—	—	0.067	mg/L	Y	—	NQ	N3B-2018-2925	CAMO-18-159795	GELC
R-13	958.3	07/13/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.56	—	—	0.067	mg/L	Y	—	NQ	N3B-2018-2925	CAMO-18-159797	GELC
R-13	958.3	11/07/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.53	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-413	CAMO-19-163976	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.42	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.58	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.66	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.57	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	01/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.56	—	—	3	µg/L	Y	J	J	2018-1524	CAMO-18-150801	GELC
R-13	958.3	05/14/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.9	—	—	3	µg/L	Y	J	J	2018-2550	CAMO-18-153989	GELC
R-13	958.3	07/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.83	—	—	3	µg/L	Y	J	J	N3B-2018-2925	CAMO-18-159795	GELC
R-13	958.3	07/13/2018	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.56	—	—	3	µg/L	Y	J	J	N3B-2018-2925	CAMO-18-159797	GELC
R-13	958.3	11/07/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.9	—	—	3	µg/L	Y	J	J	N3B-2019-413	CAMO-19-163976	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.54	—	—	3	µg/L	Y	J	J	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.02	—	—	3	µg/L	Y	J	J	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.13	—	—	3	µg/L	Y	J	J	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	4.03	—	—	3	µg/L	Y	J	J	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	11/07/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2019-413	CAMO-19-163976	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	Y	1.21	—	—	1	µg/L	Y	J	J	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	10/31/2012	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.158	1.1	4.07	—	pCi/L	Y	U	U	2013-258	CAMO-13-24241	GELC
R-13	958.3	11/19/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.22	1.91	8.05	—	pCi/L	Y	U	U	2015-391	CAMO-15-90210	GELC
R-13	958.3	11/10/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.435	1.04	4.29	—	pCi/L	Y	U	U	2016-313	CAMO-16-106097	GELC
R-13	958.3	11/08/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.289	1.08	4.47	—	pCi/L	Y	U	U	2018-827	CAMO-18-148073	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-2.51	1.64	5.23	—	pCi/L	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	01/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.2	—	—	0.033	mg/L	Y	—	NQ	2018-1524	CAMO-18-150801	GELC
R-13	958.3	05/14/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.215	—	—	0.033	mg/L	Y	—	NQ	2018-2550	CAMO-18-153989	GELC
R-13	958.3	07/13/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.199	—	—	0.033	mg/L	Y	—	NQ	N3B-2018-2925	CAMO-18-159795	GELC
R-13	958.3	07/13/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.198	—	—	0.033	mg/L	Y	—	NQ	N3B-2018-2925	CAMO-18-159797	GELC
R-13	958.3	11/07/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.217	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-413	CAMO-19-163976	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.323	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.463	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.24	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.343	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	10/31/2012	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.631	0.7	2.6	—	pCi/L	Y	U	U	2013-258	CAMO-13-24241	GELC
R-13	958.3	11/19/2014	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.308	0.688	2.83	—	pCi/L	Y	U	U	2015-391	CAMO-15-90210	GELC
R-13	958.3	11/10/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.999	0.558	2.86	—	pCi/L	Y	U	U	2016-313	CAMO-16-106097	GELC
R-13	958.3	11/08/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.406	0.558	2.13	—	pCi/L	Y	U	U	2018-827	CAMO-18-148073	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.671	0.744	2.81	—	pCi/L	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	10/31/2012	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	-0.196	0.775	2.87	—	pCi/L	Y	U	U	2013-258	CAMO-13-24241	GELC
R-13	958.3	11/19/2014	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.05	0.654	2.15	—	pCi/L	Y	U	U	2015-391	CAMO-15-90210	GELC
R-13	958.3	11/10/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.63	0.874	2.85	—	pCi/L	Y	U	U	2016-313	CAMO-16-106097	GELC
R-13	958.3	11/08/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.53	0.849	2.78	—	pCi/L	Y	U	U	2018-827	CAMO-18-148073	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.27	0.669	2.17	—	pCi/L	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	01/19/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	50.3	—	—	0.453	mg/L	Y	—	NQ	2018-1524	CAMO-18-150801	GELC
R-13	958.3	05/14/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	51.6	—	—	0.453	mg/L	Y	—	NQ	2018-2550	CAMO-18-153989	GELC
R-13	958.3	07/13/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	49.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2018-2925	CAMO-18-159795	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-13	958.3	07/13/2018	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	51.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2018-2925	CAMO-18-159797	GELC
R-13	958.3	11/07/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	48.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-413	CAMO-19-163976	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	50	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	48.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	48.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	49.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	01/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.54	—	—	0.11	mg/L	Y	—	NQ	2018-1524	CAMO-18-150801	GELC
R-13	958.3	05/14/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.66	—	—	0.11	mg/L	Y	—	NQ	2018-2550	CAMO-18-153989	GELC
R-13	958.3	07/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.54	—	—	0.11	mg/L	Y	—	NQ	N3B-2018-2925	CAMO-18-159795	GELC
R-13	958.3	07/13/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.63	—	—	0.11	mg/L	Y	—	NQ	N3B-2018-2925	CAMO-18-159797	GELC
R-13	958.3	11/07/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.65	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-413	CAMO-19-163976	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.8	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.49	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.28	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.47	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	01/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.13	—	—	0.2	µg/L	Y	—	NQ	2018-1524	CAMO-18-150801	GELC
R-13	958.3	05/14/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.07	—	—	0.2	µg/L	Y	—	NQ	2018-2550	CAMO-18-153989	GELC
R-13	958.3	07/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.16	—	—	0.2	µg/L	Y	—	NQ	N3B-2018-2925	CAMO-18-159795	GELC
R-13	958.3	07/13/2018	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.01	—	—	0.2	µg/L	Y	—	NQ	N3B-2018-2925	CAMO-18-159797	GELC
R-13	958.3	11/07/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.05	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-413	CAMO-19-163976	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.11	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.12	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.13	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	10/31/2012	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.1	2.19	7.66	—	pCi/L	Y	U	U	2013-258	CAMO-13-24241	GELC
R-13	958.3	11/19/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	6.22	3.46	13.3	—	pCi/L	Y	U	U	2015-391	CAMO-15-90210	GELC
R-13	958.3	11/10/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.853	3.14	10.8	—	pCi/L	Y	U	U	2016-313	CAMO-16-106097	GELC
R-13	958.3	11/08/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.82	1.87	6.89	—	pCi/L	Y	U	U	2018-827	CAMO-18-148073	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.71	2.61	8.94	—	pCi/L	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	01/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.724	—	—	0.017	mg/L	Y	—	NQ	2018-1524	CAMO-18-150801	GELC
R-13	958.3	05/14/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.803	—	—	0.017	mg/L	Y	—	NQ	2018-2550	CAMO-18-153989	GELC
R-13	958.3	07/13/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.748	—	—	0.017	mg/L	Y	—	NQ	N3B-2018-2925	CAMO-18-159795	GELC
R-13	958.3	07/13/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.75	—	—	0.017	mg/L	Y	—	NQ	N3B-2018-2925	CAMO-18-159797	GELC
R-13	958.3	11/07/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.77	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-413	CAMO-19-163976	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.865	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.76	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.76	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.78	—	—	0.085	mg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	01/19/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.395	—	—	0.05	µg/L	Y	—	NQ	2018-1524	CAMO-18-150801	GELC
R-13	958.3	05/14/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.409	—	—	0.05	µg/L	Y	—	NQ	2018-2550	CAMO-18-153989	GELC
R-13	958.3	07/13/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.402	—	—	0.05	µg/L	Y	—	NQ	N3B-2018-2925	CAMO-18-159795	GELC
R-13	958.3	07/13/2018	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.409	—	—	0.05	µg/L	Y	—	NQ	N3B-2018-2925	CAMO-18-159797	GELC
R-13	958.3	11/07/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.456	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-413	CAMO-19-163976	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.459	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.42	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.396	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.421	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	10/31/2012	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.00728	0.035	—	pCi/L	Y	U	U	2013-258	CAMO-13-24241	GELC
R-13	958.3	11/19/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00483	0.00483	0.0324	—	pCi/L	Y	U	U	2015-391	CAMO-15-90210	GELC
R-13	958.3	11/10/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00995	0.0061	0.0291	—	pCi/L	Y	U	U	2016-313	CAMO-16-106097	GELC
R-13	958.3	11/08/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0165	0.00871	0.0406	—	pCi/L	Y	U	U	2018-827	CAMO-18-148073	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00461	0.00651	0.0418	—	pCi/L	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	10/31/2012	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00364	0.00814	0.0581	—	pCi/L	Y	U	U	2013-258	CAMO-13-24241	GELC
R-13	958.3	11/19/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00241	0.008	0.0477	—	pCi/L	Y	U	U	2015-391	CAMO-15-90210	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-13	958.3	11/10/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00746	0.00825	0.0559	—	pCi/L	Y	U	U	2016-313	CAMO-16-106097	GELC
R-13	958.3	11/08/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00275	0.00729	0.0581	—	pCi/L	Y	U	U	2018-827	CAMO-18-148073	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0046	0.0046	0.0405	—	pCi/L	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	01/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.3	—	—	0.05	mg/L	Y	—	NQ	2018-1524	CAMO-18-150801	GELC
R-13	958.3	05/14/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.4	—	—	0.05	mg/L	Y	—	NQ	2018-2550	CAMO-18-153989	GELC
R-13	958.3	07/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.31	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-2925	CAMO-18-159795	GELC
R-13	958.3	07/13/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	1.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-2925	CAMO-18-159797	GELC
R-13	958.3	11/07/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-413	CAMO-19-163976	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.35	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.29	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.31	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.32	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	10/31/2012	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	21.5	14.9	58.3	—	pCi/L	Y	U	U	2013-258	CAMO-13-24241	GELC
R-13	958.3	11/19/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-16	23.4	86.8	—	pCi/L	Y	U	U	2015-391	CAMO-15-90210	GELC
R-13	958.3	11/10/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-15.9	16.3	59.6	—	pCi/L	Y	U	U	2016-313	CAMO-16-106097	GELC
R-13	958.3	11/08/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-7.08	13.6	57.1	—	pCi/L	Y	U	U	2018-827	CAMO-18-148073	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	12.4	17.2	71.5	—	pCi/L	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	01/27/2003	WG	UF	INIT	REG	RAD	EPA:901.1	Radium-226	Ra-226	Y	8.34	2.5	3.8	—	pCi/L	Y	—	R	1548S	GW13-03-50449	GEL
R-13	958.3	05/22/2003	WG	UF	INIT	REG	RAD	EPA:901.1	Radium-226	Ra-226	N	4.05	2	3.6	—	pCi/L	Y	—	U	1771S	GW05-03-51693	GEL
R-13	958.3	12/09/2003	WG	UF	INIT	REG	RAD	EPA:901.1	Radium-226	Ra-226	Y	60.6	8.4	12.7	—	pCi/L	Y	—	R	103702	GU03120G31R01	GELC
R-13	958.3	12/09/2003	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.443	0.114	0	—	pCi/L	Y	—	J	103702	GU03120G31R01	GELC
R-13	958.3	06/11/2004	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.0218	0.0898	0.346	—	pCi/L	Y	U	U	114827	GU04060G31R01	GELC
R-13	958.3	06/11/2004	WG	UF	INIT	REG	RAD	EPA:901.1	Radium-226	Ra-226	Y	12	2.81	6.01	—	pCi/L	Y	—	R	114827	GU04060G31R01	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.315	0.111	0.298	—	pCi/L	Y	—	NQ	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.456	0.192	—	—	pCi/L	Y	—	NQ	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	01/27/2003	WG	UF	INIT	REG	RAD	EPA:901.1	Radium-228	Ra-228	N	3.59	2.3	8.6	—	pCi/L	Y	U	U	1548S	GW13-03-50449	GEL
R-13	958.3	05/22/2003	WG	UF	INIT	REG	RAD	EPA:901.1	Radium-228	Ra-228	N	5.66	2.1	7.9	—	pCi/L	Y	U	U	1771S	GW05-03-51693	GEL
R-13	958.3	12/09/2003	WG	UF	INIT	REG	RAD	EPA:901.1	Radium-228	Ra-228	N	5.06	10.4	24.3	—	pCi/L	Y	U	U	103702	GU03120G31R01	GELC
R-13	958.3	06/11/2004	WG	UF	INIT	REG	RAD	EPA:901.1	Radium-228	Ra-228	N	9.38	3.56	14.4	—	pCi/L	Y	U	U	114827	GU04060G31R01	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.141	0.156	0.551	—	pCi/L	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	01/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.4	—	—	0.053	mg/L	Y	—	NQ	2018-1524	CAMO-18-150801	GELC
R-13	958.3	05/14/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.4	—	—	0.053	mg/L	Y	—	NQ	2018-2550	CAMO-18-153989	GELC
R-13	958.3	07/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2018-2925	CAMO-18-159795	GELC
R-13	958.3	07/13/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2018-2925	CAMO-18-159797	GELC
R-13	958.3	11/07/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-413	CAMO-19-163976	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	01/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.72	—	—	0.1	mg/L	Y	E	NQ	2018-1524	CAMO-18-150801	GELC
R-13	958.3	05/14/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.7	—	—	0.1	mg/L	Y	—	NQ	2018-2550	CAMO-18-153989	GELC
R-13	958.3	07/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2018-2925	CAMO-18-159795	GELC
R-13	958.3	07/13/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.6	—	—	0.1	mg/L	Y	—	NQ	N3B-2018-2925	CAMO-18-159797	GELC
R-13	958.3	11/07/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-413	CAMO-19-163976	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.71	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.84	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.4	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	10/31/2012	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.961	1.14	3.85	—	pCi/L	Y	U	U	2013-258	CAMO-13-24241	GELC
R-13	958.3	11/19/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.813	2.09	7.88	—	pCi/L	Y	U	U	2015-391	CAMO-15-90210	GELC
R-13	958.3	11/10/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.717	1.31	5.19	—	pCi/L	Y	U	U	2016-313	CAMO-16-106097	GELC
R-13	958.3	11/08/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.0532	1.07	4.32	—	pCi/L	Y	U	U	2018-827	CAMO-18-148073	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.304	1.43	5.75	—	pCi/L	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-13	958.3	01/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	143	—	—	1	µS/cm	Y	—	NQ	2018-1524	CAMO-18-150801	GELC
R-13	958.3	05/14/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	143	—	—	1	µS/cm	Y	—	NQ	2018-2550	CAMO-18-153989	GELC
R-13	958.3	07/13/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	143	—	—	1	µS/cm	Y	—	NQ	N3B-2018-2925	CAMO-18-159795	GELC
R-13	958.3	07/13/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	143	—	—	1	µS/cm	Y	—	NQ	N3B-2018-2925	CAMO-18-159797	GELC
R-13	958.3	11/07/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	141	—	—	1	µS/cm	Y	—	NQ	N3B-2019-413	CAMO-19-163976	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	153	—	—	1	µS/cm	Y	—	NQ	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	145	—	—	1	µS/cm	Y	—	NQ	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	144	—	—	1	µS/cm	Y	—	NQ	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	133	—	—	1	µS/cm	Y	—	NQ	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	01/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	50.3	—	—	1	µg/L	Y	—	NQ	2018-1524	CAMO-18-150801	GELC
R-13	958.3	05/14/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	54.2	—	—	1	µg/L	Y	—	NQ	2018-2550	CAMO-18-153989	GELC
R-13	958.3	07/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	53	—	—	1	µg/L	Y	—	NQ	N3B-2018-2925	CAMO-18-159795	GELC
R-13	958.3	07/13/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	54.4	—	—	1	µg/L	Y	—	NQ	N3B-2018-2925	CAMO-18-159797	GELC
R-13	958.3	11/07/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	50.1	—	—	1	µg/L	Y	—	NQ	N3B-2019-413	CAMO-19-163976	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	50.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	48.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	50	—	—	1	µg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	50.8	—	—	1	µg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	10/31/2012	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.224	0.147	0.489	—	pCi/L	Y	U	U	2013-258	CAMO-13-24241	GELC
R-13	958.3	11/19/2014	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0689	0.108	0.417	—	pCi/L	Y	U	U	2015-391	CAMO-15-90210	GELC
R-13	958.3	11/10/2015	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.209	0.143	0.479	—	pCi/L	Y	U	U	2016-313	CAMO-16-106097	GELC
R-13	958.3	11/08/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0581	0.123	0.444	—	pCi/L	Y	U	U	2018-827	CAMO-18-148073	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.197	0.101	0.356	—	pCi/L	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	01/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.39	—	—	0.133	mg/L	Y	—	NQ	2018-1524	CAMO-18-150801	GELC
R-13	958.3	05/14/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.38	—	—	0.133	mg/L	Y	—	NQ	2018-2550	CAMO-18-153989	GELC
R-13	958.3	07/13/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.54	—	—	0.133	mg/L	Y	—	NQ	N3B-2018-2925	CAMO-18-159795	GELC
R-13	958.3	07/13/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.53	—	—	0.133	mg/L	Y	—	NQ	N3B-2018-2925	CAMO-18-159797	GELC
R-13	958.3	11/07/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.5	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-413	CAMO-19-163976	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.31	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.38	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.48	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.45	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	01/19/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	2018-1524	CAMO-18-150801	GELC
R-13	958.3	01/19/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	2018-1524	CAMO-18-150802	GELC
R-13	958.3	05/14/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-2550	CAMO-18-153989	GELC
R-13	958.3	05/14/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-2550	CAMO-18-153990	GELC
R-13	958.3	07/13/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2018-2925	CAMO-18-159795	GELC
R-13	958.3	07/13/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2018-2925	CAMO-18-159796	GELC
R-13	958.3	07/13/2018	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2018-2925	CAMO-18-159797	GELC
R-13	958.3	07/13/2018	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2018-2925	CAMO-18-159798	GELC
R-13	958.3	11/07/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-413	CAMO-19-163976	GELC
R-13	958.3	11/07/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-413	CAMO-19-163977	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	01/10/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-747	CAMO-19-165961	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	05/09/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-1877	CAMO-19-175139	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	07/09/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-2431	CAMO-19-181827	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	01/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	2018-1524	CAMO-18-150801	GELC
R-13	958.3	05/14/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	2018-2550	CAMO-18-153989	GELC
R-13	958.3	07/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2018-2925	CAMO-18-159795	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-13	958.3	07/13/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2018-2925	CAMO-18-159797	GELC
R-13	958.3	11/07/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	3.87	—	—	2.5	µg/L	Y	J	J	N3B-2019-413	CAMO-19-163976	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	5.89	—	—	2.5	µg/L	Y	J	J	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	01/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	201	—	—	3.4	mg/L	Y	—	NQ	2018-1524	CAMO-18-150801	GELC
R-13	958.3	05/14/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	173	—	—	3.4	mg/L	Y	—	NQ	2018-2550	CAMO-18-153989	GELC
R-13	958.3	07/13/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	144	—	—	3.4	mg/L	Y	—	NQ	N3B-2018-2925	CAMO-18-159795	GELC
R-13	958.3	07/13/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	160	—	—	3.4	mg/L	Y	—	NQ	N3B-2018-2925	CAMO-18-159797	GELC
R-13	958.3	11/07/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	114	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-413	CAMO-19-163976	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	201	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	103	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	154	—	—	3.4	mg/L	Y	—	J+	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	113	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	01/19/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	2018-1524	CAMO-18-150802	GELC
R-13	958.3	05/14/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	2018-2550	CAMO-18-153990	GELC
R-13	958.3	07/13/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2018-2925	CAMO-18-159796	GELC
R-13	958.3	07/13/2018	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2018-2925	CAMO-18-159798	GELC
R-13	958.3	11/07/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.337	—	—	0.33	mg/L	Y	J	J	N3B-2019-413	CAMO-19-163977	GELC
R-13	958.3	01/10/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.356	—	—	0.33	mg/L	Y	J	J	N3B-2019-747	CAMO-19-165961	GELC
R-13	958.3	07/09/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.519	—	—	0.33	mg/L	Y	J	J	N3B-2019-2431	CAMO-19-181827	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.333	—	—	0.33	mg/L	Y	J	J	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	07/13/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0417	—	—	0.02	mg/L	Y	J	U	N3B-2018-2925	CAMO-18-159795	GELC
R-13	958.3	07/13/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.163	—	—	0.02	mg/L	Y	—	U	N3B-2018-2925	CAMO-18-159797	GELC
R-13	958.3	11/07/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	—	0.02	mg/L	Y	U	U	N3B-2019-413	CAMO-19-163976	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	—	0.02	mg/L	Y	U	U	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0321	—	—	0.02	mg/L	Y	J	U	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0804	—	—	0.02	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0327	—	—	0.02	mg/L	Y	J	J	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	01/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.443	—	—	0.067	µg/L	Y	—	NQ	2018-1524	CAMO-18-150801	GELC
R-13	958.3	05/14/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.423	—	—	0.067	µg/L	Y	—	NQ	2018-2550	CAMO-18-153989	GELC
R-13	958.3	07/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.426	—	—	0.067	µg/L	Y	—	NQ	N3B-2018-2925	CAMO-18-159795	GELC
R-13	958.3	07/13/2018	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.389	—	—	0.067	µg/L	Y	—	NQ	N3B-2018-2925	CAMO-18-159797	GELC
R-13	958.3	11/07/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.389	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-413	CAMO-19-163976	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.424	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.42	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.325	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.423	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	10/31/2012	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.241	0.0361	0.0919	—	pCi/L	Y	—	NQ	2013-258	CAMO-13-24241	GELC
R-13	958.3	11/19/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.333	0.046	0.112	—	pCi/L	Y	—	NQ	2015-391	CAMO-15-90210	GELC
R-13	958.3	11/10/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.237	0.0277	0.0942	—	pCi/L	Y	—	NQ	2016-313	CAMO-16-106097	GELC
R-13	958.3	11/08/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.398	0.0317	0.119	—	pCi/L	Y	—	NQ	2018-827	CAMO-18-148073	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.273	0.0329	0.0721	—	pCi/L	Y	—	NQ	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	10/31/2012	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0196	0.012	0.0573	—	pCi/L	Y	U	U	2013-258	CAMO-13-24241	GELC
R-13	958.3	11/19/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00675	0.0151	0.0974	—	pCi/L	Y	U	U	2015-391	CAMO-15-90210	GELC
R-13	958.3	11/10/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0214	0.0113	0.0822	—	pCi/L	Y	U	U	2016-313	CAMO-16-106097	GELC
R-13	958.3	11/08/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0736	0.0159	0.0513	—	pCi/L	Y	—	NQ	2018-827	CAMO-18-148073	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00243	0.00925	0.0517	—	pCi/L	Y	U	U	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	10/31/2012	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.139	0.026	0.0624	—	pCi/L	Y	—	NQ	2013-258	CAMO-13-24241	GELC
R-13	958.3	11/19/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0928	0.0273	0.107	—	pCi/L	Y	U	U	2015-391	CAMO-15-90210	GELC
R-13	958.3	11/10/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.141	0.0206	0.0931	—	pCi/L	Y	—	NQ	2016-313	CAMO-16-106097	GELC
R-13	958.3	11/08/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.193	0.023	0.0694	—	pCi/L	Y	—	NQ	2018-827	CAMO-18-148073	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.168	0.0255	0.0843	—	pCi/L	Y	—	NQ	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	01/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.27	—	—	1	µg/L	Y	J	J	2018-1524	CAMO-18-150801	GELC
R-13	958.3	05/14/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.05	—	—	1	µg/L	Y	—	NQ	2018-2550	CAMO-18-153989	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-13	958.3	07/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.48	—	—	1	µg/L	Y	J	J	N3B-2018-2925	CAMO-18-159795	GELC
R-13	958.3	07/13/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.69	—	—	1	µg/L	Y	J	J	N3B-2018-2925	CAMO-18-159797	GELC
R-13	958.3	11/07/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.96	—	—	1	µg/L	Y	J	J	N3B-2019-413	CAMO-19-163976	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.14	—	—	1	µg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.7	—	—	1	µg/L	Y	J	J	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.96	—	—	1	µg/L	Y	J	J	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.7	—	—	1	µg/L	Y	J	J	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	05/14/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	2018-2550	CAMO-18-153989	GELC
R-13	958.3	07/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2018-2925	CAMO-18-159795	GELC
R-13	958.3	07/13/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2018-2925	CAMO-18-159797	GELC
R-13	958.3	11/07/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	4.14	—	—	3.3	µg/L	Y	J	J	N3B-2019-413	CAMO-19-163976	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	3.31	—	—	3.3	µg/L	Y	J	J	N3B-2019-1877	CAMO-19-175138	GELC
R-15	958.6	01/22/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.4	—	—	0.01	SU	Y	H	NQ	2018-1535	CAMO-18-150805	GELC
R-15	958.6	05/14/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.42	—	—	0.01	SU	Y	H	NQ	2018-2550	CAMO-18-153991	GELC
R-15	958.6	07/13/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.59	—	—	0.01	SU	Y	H	NQ	N3B-2018-2925	CAMO-18-159799	GELC
R-15	958.6	11/07/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.31	—	—	0.01	SU	Y	H	NQ	N3B-2019-413	CAMO-19-163978	GELC
R-15	958.6	11/07/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.37	—	—	0.01	SU	Y	H	NQ	N3B-2019-413	CAMO-19-163980	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.37	—	—	0.01	SU	Y	H	NQ	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.35	—	—	0.01	SU	Y	H	NQ	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.38	—	—	0.01	SU	Y	H	NQ	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.6	—	—	0.01	SU	Y	H	NQ	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	07/13/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	5.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2018-2925	CAMO-18-159799	GELC
R-15	958.6	11/07/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	1.45	mg/L	Y	U	U	N3B-2019-413	CAMO-19-163978	GELC
R-15	958.6	11/07/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	1.6	—	—	1.45	mg/L	Y	J	J	N3B-2019-413	CAMO-19-163980	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	1.45	mg/L	Y	U	U	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	1.45	mg/L	Y	U	U	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	1.59	—	—	1.45	mg/L	Y	J	J	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	1.99	—	—	1.45	mg/L	Y	J	J	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	01/22/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	56.8	—	—	1.45	mg/L	Y	—	NQ	2018-1535	CAMO-18-150805	GELC
R-15	958.6	05/14/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	56.4	—	—	1.45	mg/L	Y	—	NQ	2018-2550	CAMO-18-153991	GELC
R-15	958.6	07/13/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	58.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2018-2925	CAMO-18-159799	GELC
R-15	958.6	11/07/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	57	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-413	CAMO-19-163978	GELC
R-15	958.6	11/07/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	56.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-413	CAMO-19-163980	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	56.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	56.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	56.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	56.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	07/14/2010	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00414	0.0059	0.035	—	pCi/L	Y	U	U	10-3698	CAMO-10-22857	GELC
R-15	958.6	11/07/2013	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00443	0.0147	0.0521	—	pCi/L	Y	U	U	2014-2426	CAMO-14-45747	GELC
R-15	958.6	11/07/2013	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00811	0.00994	0.0478	—	pCi/L	Y	U	U	2014-2426	CAMO-14-45725	GELC
R-15	958.6	11/20/2015	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0096	0.00576	0.0259	—	pCi/L	Y	U	U	2016-392	CAMO-16-106099	GELC
R-15	958.6	11/08/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00262	0.00786	0.0466	—	pCi/L	Y	U	U	2018-827	CAMO-18-148074	GELC
R-15	958.6	11/08/2017	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00457	0.00457	0.0406	—	pCi/L	Y	U	U	2018-827	CAMO-18-148111	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00366	0.00366	0.0367	—	pCi/L	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	01/22/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0497	—	—	0.017	mg/L	Y	J	U	2018-1535	CAMO-18-150805	GELC
R-15	958.6	05/14/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.108	—	—	0.017	mg/L	Y	—	NQ	2018-2550	CAMO-18-153991	GELC
R-15	958.6	07/13/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0371	—	—	0.017	mg/L	Y	J	U	N3B-2018-2925	CAMO-18-159799	GELC
R-15	958.6	11/07/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0295	—	—	0.017	mg/L	Y	J	U	N3B-2019-413	CAMO-19-163978	GELC
R-15	958.6	11/07/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0442	—	—	0.017	mg/L	Y	J	U	N3B-2019-413	CAMO-19-163980	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0197	—	—	0.017	mg/L	Y	J	J	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0475	—	—	0.017	mg/L	Y	J	J	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	05/14/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	2018-2550	CAMO-18-153991	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-15	958.6	07/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	N3B-2018-2925	CAMO-18-159799	GELC
R-15	958.6	11/07/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.11	—	—	2	µg/L	Y	J	J	N3B-2019-413	CAMO-19-163978	GELC
R-15	958.6	11/07/2018	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	Y	2.17	—	—	2	µg/L	Y	J	J	N3B-2019-413	CAMO-19-163980	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.17	—	—	2	µg/L	Y	J	J	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	5.73	—	—	2	µg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	01/22/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	27.5	—	—	1	µg/L	Y	—	NQ	2018-1535	CAMO-18-150805	GELC
R-15	958.6	05/14/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	29.4	—	—	1	µg/L	Y	—	NQ	2018-2550	CAMO-18-153991	GELC
R-15	958.6	07/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	30.8	—	—	1	µg/L	Y	—	NQ	N3B-2018-2925	CAMO-18-159799	GELC
R-15	958.6	11/07/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	27.4	—	—	1	µg/L	Y	—	NQ	N3B-2019-413	CAMO-19-163978	GELC
R-15	958.6	11/07/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	26.8	—	—	1	µg/L	Y	—	NQ	N3B-2019-413	CAMO-19-163980	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	27.3	—	—	1	µg/L	Y	—	NQ	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	25.5	—	—	1	µg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	28	—	—	1	µg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	28.4	—	—	1	µg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	01/22/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0762	—	—	0.067	mg/L	Y	J	J	2018-1535	CAMO-18-150805	GELC
R-15	958.6	05/14/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067	mg/L	Y	U	U	2018-2550	CAMO-18-153991	GELC
R-15	958.6	07/13/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0771	—	—	0.067	mg/L	Y	J	J	N3B-2018-2925	CAMO-18-159799	GELC
R-15	958.6	11/07/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0778	—	—	0.067	mg/L	Y	J	J	N3B-2019-413	CAMO-19-163978	GELC
R-15	958.6	11/07/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0836	—	—	0.067	mg/L	Y	J	J	N3B-2019-413	CAMO-19-163980	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0886	—	—	0.067	mg/L	Y	J	J	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	01/22/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	14	—	—	0.05	mg/L	Y	E	NQ	2018-1535	CAMO-18-150805	GELC
R-15	958.6	05/14/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	14.7	—	—	0.05	mg/L	Y	—	NQ	2018-2550	CAMO-18-153991	GELC
R-15	958.6	07/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	15.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-2925	CAMO-18-159799	GELC
R-15	958.6	11/07/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	13.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-413	CAMO-19-163978	GELC
R-15	958.6	11/07/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	13	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-413	CAMO-19-163980	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	13.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	13	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	14.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	13.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	07/14/2010	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.24	1.5	4.8	—	pCi/L	Y	U	U	10-3698	CAMO-10-22857	GELC
R-15	958.6	11/07/2013	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.99	1.34	3.96	—	pCi/L	Y	U	U	2014-2426	CAMO-14-45747	GELC
R-15	958.6	11/07/2013	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	3.73	1.6	4.81	—	pCi/L	Y	U	U	2014-2426	CAMO-14-45725	GELC
R-15	958.6	11/20/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.42	1.34	5.37	—	pCi/L	Y	U	U	2016-392	CAMO-16-106099	GELC
R-15	958.6	11/08/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.00649	1.26	4.73	—	pCi/L	Y	U	U	2018-827	CAMO-18-148074	GELC
R-15	958.6	11/08/2017	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.29	1.42	4.98	—	pCi/L	Y	U	U	2018-827	CAMO-18-148111	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.14	1.53	4.46	—	pCi/L	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	01/22/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.05	—	—	0.067	mg/L	Y	—	NQ	2018-1535	CAMO-18-150805	GELC
R-15	958.6	05/14/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.11	—	—	0.067	mg/L	Y	—	NQ	2018-2550	CAMO-18-153991	GELC
R-15	958.6	07/13/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.22	—	—	0.067	mg/L	Y	—	NQ	N3B-2018-2925	CAMO-18-159799	GELC
R-15	958.6	11/07/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.08	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-413	CAMO-19-163978	GELC
R-15	958.6	11/07/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.09	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-413	CAMO-19-163980	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.1	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.07	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.29	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.01	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	01/22/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	14.6	—	—	3	µg/L	Y	—	NQ	2018-1535	CAMO-18-150805	GELC
R-15	958.6	05/14/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	11.9	—	—	3	µg/L	Y	—	NQ	2018-2550	CAMO-18-153991	GELC
R-15	958.6	07/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	12.7	—	—	3	µg/L	Y	—	NQ	N3B-2018-2925	CAMO-18-159799	GELC
R-15	958.6	11/07/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	11.8	—	—	3	µg/L	Y	—	NQ	N3B-2019-413	CAMO-19-163978	GELC
R-15	958.6	11/07/2018	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	11.7	—	—	3	µg/L	Y	—	NQ	N3B-2019-413	CAMO-19-163980	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	12.7	—	—	3	µg/L	Y	—	NQ	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	10.8	—	—	3	µg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175140	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-15	958.6	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	11.3	—	—	3	µg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	10.7	—	—	3	µg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	01/22/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	2018-1535	CAMO-18-150805	GELC
R-15	958.6	05/14/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	2018-2550	CAMO-18-153991	GELC
R-15	958.6	07/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2018-2925	CAMO-18-159799	GELC
R-15	958.6	11/07/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2019-413	CAMO-19-163978	GELC
R-15	958.6	11/07/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2019-413	CAMO-19-163980	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	Y	1.62	—	—	1	µg/L	Y	J	J	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	07/14/2010	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.493	1.6	5	—	pCi/L	Y	U	U	10-3698	CAMO-10-22857	GELC
R-15	958.6	11/07/2013	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.191	1.11	4.3	—	pCi/L	Y	U	U	2014-2426	CAMO-14-45747	GELC
R-15	958.6	11/07/2013	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	3.22	1.45	6.41	—	pCi/L	Y	U	U	2014-2426	CAMO-14-45725	GELC
R-15	958.6	11/20/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-2.09	1.26	4.15	—	pCi/L	Y	U	U	2016-392	CAMO-16-106099	GELC
R-15	958.6	11/08/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.17	1.69	6.05	—	pCi/L	Y	U	U	2018-827	CAMO-18-148074	GELC
R-15	958.6	11/08/2017	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.87	1.7	7.26	—	pCi/L	Y	U	U	2018-827	CAMO-18-148111	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.09	1.85	6.63	—	pCi/L	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	08/06/2009	WG	UF	INIT	FD	SVOC	SW-846:8270C	Dioxane[1,4-]	123-91-1	N	11.8	—	—	2.4	µg/L	Y	U	UJ	09-2804	CAMO-09-9544	GELC
R-15	958.6	11/07/2013	WG	UF	INIT	REG	SVOC	SW-846:8270C	Dioxane[1,4-]	123-91-1	N	10.5	—	—	3.16	µg/L	Y	U	U	2014-2426	CAMO-14-45747	GELC
R-15	958.6	11/07/2013	WG	UF	INIT	FD	SVOC	SW-846:8270C	Dioxane[1,4-]	123-91-1	N	10.5	—	—	3.16	µg/L	Y	U	U	2014-2426	CAMO-14-45725	GELC
R-15	958.6	11/20/2015	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	5.38	—	—	1.61	µg/L	Y	U	U	2016-392	CAMO-16-106099	GELC
R-15	958.6	11/08/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.19	—	—	3.19	µg/L	Y	U	U	2018-827	CAMO-18-148074	GELC
R-15	958.6	11/08/2017	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.16	—	—	3.16	µg/L	Y	U	U	2018-827	CAMO-18-148111	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.04	—	—	3.04	µg/L	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	Y	0.469	—	—	0.1	µg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	01/22/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.108	—	—	0.033	mg/L	Y	—	NQ	2018-1535	CAMO-18-150805	GELC
R-15	958.6	05/14/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.104	—	—	0.033	mg/L	Y	—	NQ	2018-2550	CAMO-18-153991	GELC
R-15	958.6	07/13/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0927	—	—	0.033	mg/L	Y	J	J	N3B-2018-2925	CAMO-18-159799	GELC
R-15	958.6	11/07/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.139	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-413	CAMO-19-163978	GELC
R-15	958.6	11/07/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.129	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-413	CAMO-19-163980	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.181	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.366	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.138	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.262	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	07/14/2010	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	5.36	1.4	2.6	—	pCi/L	Y	—	NQ	10-3698	CAMO-10-22857	GELC
R-15	958.6	11/07/2013	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.542	0.787	2.88	—	pCi/L	Y	U	U	2014-2426	CAMO-14-45747	GELC
R-15	958.6	11/07/2013	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	-1.22	0.613	2.91	—	pCi/L	Y	U	U	2014-2426	CAMO-14-45725	GELC
R-15	958.6	11/20/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.209	0.725	2.92	—	pCi/L	Y	U	U	2016-392	CAMO-16-106099	GELC
R-15	958.6	11/08/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.323	0.707	2.78	—	pCi/L	Y	U	U	2018-827	CAMO-18-148074	GELC
R-15	958.6	11/08/2017	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	0.525	0.686	2.52	—	pCi/L	Y	U	U	2018-827	CAMO-18-148111	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.32	0.669	1.96	—	pCi/L	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	07/14/2010	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.24	0.84	3	—	pCi/L	Y	U	U	10-3698	CAMO-10-22857	GELC
R-15	958.6	11/07/2013	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	1.32	0.332	1.03	—	pCi/L	Y	—	NQ	2014-2426	CAMO-14-45747	GELC
R-15	958.6	11/07/2013	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	0.642	0.313	1.01	—	pCi/L	Y	U	U	2014-2426	CAMO-14-45725	GELC
R-15	958.6	11/20/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.1	0.739	2.32	—	pCi/L	Y	U	U	2016-392	CAMO-16-106099	GELC
R-15	958.6	11/08/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.26	0.949	2.99	—	pCi/L	Y	U	U	2018-827	CAMO-18-148074	GELC
R-15	958.6	11/08/2017	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	1.21	0.847	2.84	—	pCi/L	Y	U	U	2018-827	CAMO-18-148111	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.176	0.581	2.06	—	pCi/L	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	01/22/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	51	—	—	0.453	mg/L	Y	—	NQ	2018-1535	CAMO-18-150805	GELC
R-15	958.6	05/14/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	53.4	—	—	0.453	mg/L	Y	—	NQ	2018-2550	CAMO-18-153991	GELC
R-15	958.6	07/13/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	54.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2018-2925	CAMO-18-159799	GELC
R-15	958.6	11/07/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	49.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-413	CAMO-19-163978	GELC
R-15	958.6	11/07/2018	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	48.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-413	CAMO-19-163980	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	50.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	47.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175140	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-15	958.6	07/09/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	50.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	50.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	01/22/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.83	—	—	0.11	mg/L	Y	—	NQ	2018-1535	CAMO-18-150805	GELC
R-15	958.6	05/14/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.02	—	—	0.11	mg/L	Y	—	NQ	2018-2550	CAMO-18-153991	GELC
R-15	958.6	07/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.01	—	—	0.11	mg/L	Y	—	NQ	N3B-2018-2925	CAMO-18-159799	GELC
R-15	958.6	11/07/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.96	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-413	CAMO-19-163978	GELC
R-15	958.6	11/07/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.88	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-413	CAMO-19-163980	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.06	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.73	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.63	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.78	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	01/22/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.04	—	—	0.2	µg/L	Y	—	NQ	2018-1535	CAMO-18-150805	GELC
R-15	958.6	05/14/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.908	—	—	0.2	µg/L	Y	—	NQ	2018-2550	CAMO-18-153991	GELC
R-15	958.6	07/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.944	—	—	0.2	µg/L	Y	—	NQ	N3B-2018-2925	CAMO-18-159799	GELC
R-15	958.6	11/07/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.01	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-413	CAMO-19-163978	GELC
R-15	958.6	11/07/2018	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.951	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-413	CAMO-19-163980	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.03	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.981	—	—	0.2	µg/L	Y	J	J	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.04	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	07/14/2010	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-4.86	3.1	9.5	—	pCi/L	Y	U	U	10-3698	CAMO-10-22857	GELC
R-15	958.6	11/07/2013	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.64	2.18	8.01	—	pCi/L	Y	U	U	2014-2426	CAMO-14-45747	GELC
R-15	958.6	11/07/2013	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	4.7	2.33	8.9	—	pCi/L	Y	U	U	2014-2426	CAMO-14-45725	GELC
R-15	958.6	11/20/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.9	2.41	8.23	—	pCi/L	Y	U	U	2016-392	CAMO-16-106099	GELC
R-15	958.6	11/08/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.798	2.01	7.79	—	pCi/L	Y	U	U	2018-827	CAMO-18-148074	GELC
R-15	958.6	11/08/2017	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	3.48	2.66	10.3	—	pCi/L	Y	U	U	2018-827	CAMO-18-148111	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.02	2.69	9.98	—	pCi/L	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	01/22/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.19	—	—	0.085	mg/L	Y	—	NQ	2018-1535	CAMO-18-150805	GELC
R-15	958.6	05/14/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.07	—	—	0.085	mg/L	Y	—	NQ	2018-2550	CAMO-18-153991	GELC
R-15	958.6	07/13/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.27	—	—	0.085	mg/L	Y	—	NQ	N3B-2018-2925	CAMO-18-159799	GELC
R-15	958.6	11/07/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.04	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-413	CAMO-19-163978	GELC
R-15	958.6	11/07/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.05	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-413	CAMO-19-163980	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.3	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.98	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.02	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2	—	—	0.085	mg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	01/22/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	9.81	—	—	0.5	µg/L	Y	—	NQ	2018-1535	CAMO-18-150805	GELC
R-15	958.6	05/14/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	11.3	—	—	0.5	µg/L	Y	—	NQ	2018-2550	CAMO-18-153991	GELC
R-15	958.6	07/13/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	11.6	—	—	0.5	µg/L	Y	—	NQ	N3B-2018-2925	CAMO-18-159799	GELC
R-15	958.6	11/07/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	12.3	—	—	0.5	µg/L	Y	—	NQ	N3B-2019-413	CAMO-19-163978	GELC
R-15	958.6	11/07/2018	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	12	—	—	0.5	µg/L	Y	—	NQ	N3B-2019-413	CAMO-19-163980	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	11	—	—	0.5	µg/L	Y	—	NQ	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	9.72	—	—	0.5	µg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	10.9	—	—	0.5	µg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	10.6	—	—	0.5	µg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	07/14/2010	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.0024	0.032	—	pCi/L	Y	U	U	10-3698	CAMO-10-22857	GELC
R-15	958.6	11/07/2013	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00464	0.00803	0.0511	—	pCi/L	Y	U	U	2014-2426	CAMO-14-45747	GELC
R-15	958.6	11/07/2013	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00441	0.0132	0.0486	—	pCi/L	Y	U	U	2014-2426	CAMO-14-45725	GELC
R-15	958.6	11/20/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0139	0.00658	0.0232	—	pCi/L	Y	U	U	2016-392	CAMO-16-106099	GELC
R-15	958.6	11/08/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0145	0.00768	0.0428	—	pCi/L	Y	U	U	2018-827	CAMO-18-148074	GELC
R-15	958.6	11/08/2017	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00552	0.00781	0.0407	—	pCi/L	Y	U	U	2018-827	CAMO-18-148111	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00365	0.00517	0.0331	—	pCi/L	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	07/14/2010	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00237	0.0053	0.032	—	pCi/L	Y	U	U	10-3698	CAMO-10-22857	GELC
R-15	958.6	11/07/2013	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0232	0.0123	0.0812	—	pCi/L	Y	U	U	2014-2426	CAMO-14-45747	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-15	958.6	11/07/2013	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.022	0.0132	0.0772	—	pCi/L	Y	U	U	2014-2426	CAMO-14-45725	GELC
R-15	958.6	11/20/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00793	0.00561	0.0446	—	pCi/L	Y	U	U	2016-392	CAMO-16-106099	GELC
R-15	958.6	11/08/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0029	0.00767	0.0611	—	pCi/L	Y	U	U	2018-827	CAMO-18-148074	GELC
R-15	958.6	11/08/2017	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00828	0.0107	0.0582	—	pCi/L	Y	U	U	2018-827	CAMO-18-148111	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00548	0.00658	0.0322	—	pCi/L	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	01/22/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.6	—	—	0.05	mg/L	Y	—	NQ	2018-1535	CAMO-18-150805	GELC
R-15	958.6	05/14/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.78	—	—	0.05	mg/L	Y	—	NQ	2018-2550	CAMO-18-153991	GELC
R-15	958.6	07/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.75	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-2925	CAMO-18-159799	GELC
R-15	958.6	11/07/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.71	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-413	CAMO-19-163978	GELC
R-15	958.6	11/07/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	1.74	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-413	CAMO-19-163980	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.62	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.58	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.69	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	07/14/2010	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	41.9	24	35	—	pCi/L	Y	UI	R	10-3698	CAMO-10-22857	GELC
R-15	958.6	11/07/2013	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	6.72	18.9	45.2	—	pCi/L	Y	U	U	2014-2426	CAMO-14-45747	GELC
R-15	958.6	11/07/2013	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-1.33	20.6	66	—	pCi/L	Y	U	U	2014-2426	CAMO-14-45725	GELC
R-15	958.6	11/20/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	12.2	18.7	46	—	pCi/L	Y	U	U	2016-392	CAMO-16-106099	GELC
R-15	958.6	11/08/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-17.6	18.6	69.5	—	pCi/L	Y	U	U	2018-827	CAMO-18-148074	GELC
R-15	958.6	11/08/2017	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-39	18.4	62.7	—	pCi/L	Y	U	U	2018-827	CAMO-18-148111	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	5.48	22.1	87.3	—	pCi/L	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	12/15/2003	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.527	0.155	0.384	—	pCi/L	Y	—	J	103972	GU03120G15R01	GELC
R-15	958.6	12/15/2003	WG	UF	INIT	REG	RAD	EPA:901.1	Radium-226	Ra-226	N	4.52	2.03	7.39	—	pCi/L	Y	U	U	103972	GU03120G15R01	GELC
R-15	958.6	12/15/2003	WG	UF	INIT	FD	RAD	EPA:901.1	Radium-226	Ra-226	N	2.03	4.75	8.52	—	pCi/L	Y	U	U	103972	GU03120G15R90	GELC
R-15	958.6	12/15/2003	WG	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	N	0.373	0.163	0.478	—	pCi/L	Y	U	U	103972	GU03120G15R90	GELC
R-15	958.6	06/10/2004	WG	UF	INIT	REG	RAD	EPA:901.1	Radium-226	Ra-226	N	7.06	4.18	7.08	—	pCi/L	Y	U	U	114827	GU04050G15R01	GELC
R-15	958.6	06/10/2004	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.162	0.0863	0.27	—	pCi/L	Y	U	U	114827	GU04050G15R01	GELC
R-15	958.6	06/10/2004	WG	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.271	0.0958	0.25	—	pCi/L	Y	—	J	114827	GU04050G15R90	GELC
R-15	958.6	06/10/2004	WG	UF	INIT	FD	RAD	EPA:901.1	Radium-226	Ra-226	N	1.52	2.95	6	—	pCi/L	Y	U	U	114827	GU04050G15R90	GELC
R-15	958.6	05/25/2005	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.926	0.26	0.668	—	pCi/L	Y	—	J	137440	GU05050G15R01	GELC
R-15	958.6	05/25/2005	WG	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	N	0.356	0.154	0.413	—	pCi/L	Y	U	U	137440	GU05050G15R90	GELC
R-15	958.6	11/12/2007	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.371	0.13	0.33	—	pCi/L	Y	—	U	08-159	CAMO-08-8601	GELC
R-15	958.6	11/12/2007	WG	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	N	0.179	0.097	0.3	—	pCi/L	Y	U	U	08-159	CAMO-08-8600	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.337	0.124	0.348	—	pCi/L	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.337	0.203	—	—	pCi/L	Y	—	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	12/15/2003	WG	UF	INIT	REG	RAD	EPA:901.1	Radium-228	Ra-228	N	0	4.1	15.3	—	pCi/L	Y	UUI	R	103972	GU03120G15R01	GELC
R-15	958.6	12/15/2003	WG	UF	INIT	FD	RAD	EPA:901.1	Radium-228	Ra-228	N	1.7	9.55	18.9	—	pCi/L	Y	U	U	103972	GU03120G15R90	GELC
R-15	958.6	06/10/2004	WG	UF	INIT	REG	RAD	EPA:901.1	Radium-228	Ra-228	N	6.65	4.34	16.5	—	pCi/L	Y	U	U	114827	GU04050G15R01	GELC
R-15	958.6	06/10/2004	WG	UF	INIT	FD	RAD	EPA:901.1	Radium-228	Ra-228	N	2.59	3.3	12.8	—	pCi/L	Y	U	U	114827	GU04050G15R90	GELC
R-15	958.6	11/12/2007	WG	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	N	0.25	0.15	0.49	—	pCi/L	Y	U	U	08-159	CAMO-08-8600	GELC
R-15	958.6	11/12/2007	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.31	0.25	0.82	—	pCi/L	Y	U	U	08-159	CAMO-08-8601	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.00408	0.16	0.603	—	pCi/L	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	01/22/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.9	—	—	0.053	mg/L	Y	—	NQ	2018-1535	CAMO-18-150805	GELC
R-15	958.6	05/14/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.4	—	—	0.053	mg/L	Y	—	NQ	2018-2550	CAMO-18-153991	GELC
R-15	958.6	07/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	72.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2018-2925	CAMO-18-159799	GELC
R-15	958.6	11/07/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-413	CAMO-19-163978	GELC
R-15	958.6	11/07/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-413	CAMO-19-163980	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	01/22/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.3	—	—	0.1	mg/L	Y	E	J+	2018-1535	CAMO-18-150805	GELC
R-15	958.6	05/14/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11	—	—	0.1	mg/L	Y	—	NQ	2018-2550	CAMO-18-153991	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-15	958.6	07/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.8	—	—	0.1	mg/L	Y	—	NQ	N3B-2018-2925	CAMO-18-159799	GELC
R-15	958.6	11/07/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.4	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-413	CAMO-19-163978	GELC
R-15	958.6	11/07/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-413	CAMO-19-163980	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.98	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.61	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	07/14/2010	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.0963	1.7	5.5	—	pCi/L	Y	U	U	10-3698	CAMO-10-22857	GELC
R-15	958.6	11/07/2013	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.17	1.07	3.57	—	pCi/L	Y	U	U	2014-2426	CAMO-14-45747	GELC
R-15	958.6	11/07/2013	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	0.508	1.18	4.77	—	pCi/L	Y	U	U	2014-2426	CAMO-14-45725	GELC
R-15	958.6	11/20/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.354	1.16	4.53	—	pCi/L	Y	U	U	2016-392	CAMO-16-106099	GELC
R-15	958.6	11/08/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.289	1.12	4.51	—	pCi/L	Y	U	U	2018-827	CAMO-18-148074	GELC
R-15	958.6	11/08/2017	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-3.68	2.08	5.92	—	pCi/L	Y	U	U	2018-827	CAMO-18-148111	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.1	1.51	6.2	—	pCi/L	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	01/22/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	155	—	—	1	µS/cm	Y	—	NQ	2018-1535	CAMO-18-150805	GELC
R-15	958.6	05/14/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	155	—	—	1	µS/cm	Y	—	NQ	2018-2550	CAMO-18-153991	GELC
R-15	958.6	07/13/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	155	—	—	1	µS/cm	Y	—	NQ	N3B-2018-2925	CAMO-18-159799	GELC
R-15	958.6	11/07/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	153	—	—	1	µS/cm	Y	—	NQ	N3B-2019-413	CAMO-19-163978	GELC
R-15	958.6	11/07/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	152	—	—	1	µS/cm	Y	—	NQ	N3B-2019-413	CAMO-19-163980	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	154	—	—	1	µS/cm	Y	—	NQ	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	154	—	—	1	µS/cm	Y	—	NQ	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	154	—	—	1	µS/cm	Y	—	NQ	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	131	—	—	1	µS/cm	Y	—	NQ	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	01/22/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	58.4	—	—	1	µg/L	Y	—	NQ	2018-1535	CAMO-18-150805	GELC
R-15	958.6	05/14/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	65.1	—	—	1	µg/L	Y	—	NQ	2018-2550	CAMO-18-153991	GELC
R-15	958.6	07/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	70.5	—	—	1	µg/L	Y	—	NQ	N3B-2018-2925	CAMO-18-159799	GELC
R-15	958.6	11/07/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	59.4	—	—	1	µg/L	Y	—	NQ	N3B-2019-413	CAMO-19-163978	GELC
R-15	958.6	11/07/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	58.5	—	—	1	µg/L	Y	—	NQ	N3B-2019-413	CAMO-19-163980	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	57.8	—	—	1	µg/L	Y	—	NQ	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	54.9	—	—	1	µg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	60.8	—	—	1	µg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	59.3	—	—	1	µg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	07/14/2010	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.152	0.14	0.48	—	pCi/L	Y	U	U	10-3698	CAMO-10-22857	GELC
R-15	958.6	11/07/2013	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.328	0.154	0.494	—	pCi/L	Y	U	U	2014-2426	CAMO-14-45747	GELC
R-15	958.6	11/07/2013	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.265	0.148	0.487	—	pCi/L	Y	U	U	2014-2426	CAMO-14-45725	GELC
R-15	958.6	11/20/2015	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.298	0.119	0.498	—	pCi/L	Y	U	U	2016-392	CAMO-16-106099	GELC
R-15	958.6	11/08/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.165	0.123	0.416	—	pCi/L	Y	U	U	2018-827	CAMO-18-148074	GELC
R-15	958.6	11/08/2017	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.076	0.0849	0.358	—	pCi/L	Y	U	U	2018-827	CAMO-18-148111	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0183	0.139	0.491	—	pCi/L	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	01/22/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.55	—	—	0.133	mg/L	Y	—	NQ	2018-1535	CAMO-18-150805	GELC
R-15	958.6	05/14/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.64	—	—	0.133	mg/L	Y	—	NQ	2018-2550	CAMO-18-153991	GELC
R-15	958.6	07/13/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.74	—	—	0.133	mg/L	Y	—	NQ	N3B-2018-2925	CAMO-18-159799	GELC
R-15	958.6	11/07/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.56	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-413	CAMO-19-163978	GELC
R-15	958.6	11/07/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.52	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-413	CAMO-19-163980	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.46	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.28	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.53	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.08	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	01/22/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-1535	CAMO-18-150805	GELC
R-15	958.6	01/22/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-1535	CAMO-18-150806	GELC
R-15	958.6	05/14/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-2550	CAMO-18-153991	GELC
R-15	958.6	05/14/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-2550	CAMO-18-153992	GELC
R-15	958.6	07/13/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2018-2925	CAMO-18-159799	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-15	958.6	07/13/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2018-2925	CAMO-18-159800	GELC
R-15	958.6	11/07/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-413	CAMO-19-163978	GELC
R-15	958.6	11/07/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-413	CAMO-19-163979	GELC
R-15	958.6	11/07/2018	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-413	CAMO-19-163980	GELC
R-15	958.6	11/07/2018	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-413	CAMO-19-163981	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	01/11/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-751	CAMO-19-165963	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	05/09/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-1877	CAMO-19-175141	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	07/09/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-2431	CAMO-19-181829	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	01/22/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	2018-1535	CAMO-18-150805	GELC
R-15	958.6	05/14/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	2018-2550	CAMO-18-153991	GELC
R-15	958.6	07/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2018-2925	CAMO-18-159799	GELC
R-15	958.6	11/07/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	87.6	—	—	2.5	µg/L	Y	—	NQ	N3B-2019-413	CAMO-19-163978	GELC
R-15	958.6	11/07/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Tin	Sn	Y	4.02	—	—	2.5	µg/L	Y	J	J	N3B-2019-413	CAMO-19-163980	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	4.87	—	—	2.5	µg/L	Y	J	J	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	01/22/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	199	—	—	3.4	mg/L	Y	—	NQ	2018-1535	CAMO-18-150805	GELC
R-15	958.6	05/14/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	179	—	—	3.4	mg/L	Y	—	NQ	2018-2550	CAMO-18-153991	GELC
R-15	958.6	07/13/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	160	—	—	3.4	mg/L	Y	—	NQ	N3B-2018-2925	CAMO-18-159799	GELC
R-15	958.6	11/07/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	136	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-413	CAMO-19-163978	GELC
R-15	958.6	11/07/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	139	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-413	CAMO-19-163980	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	161	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	139	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	146	—	—	3.4	mg/L	Y	—	J+	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	174	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	01/22/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0398	—	—	0.033	mg/L	Y	J	J	2018-1535	CAMO-18-150806	GELC
R-15	958.6	05/14/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0591	—	—	0.033	mg/L	Y	J	U	2018-2550	CAMO-18-153992	GELC
R-15	958.6	07/13/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2018-2925	CAMO-18-159800	GELC
R-15	958.6	11/07/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.199	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-413	CAMO-19-163979	GELC
R-15	958.6	11/07/2018	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0575	—	—	0.033	mg/L	Y	J	J	N3B-2019-413	CAMO-19-163981	GELC
R-15	958.6	01/11/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.047	—	—	0.033	mg/L	Y	J	J	N3B-2019-751	CAMO-19-165963	GELC
R-15	958.6	05/09/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.044	—	—	0.033	mg/L	Y	J	J	N3B-2019-1877	CAMO-19-175141	GELC
R-15	958.6	01/22/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	2018-1535	CAMO-18-150806	GELC
R-15	958.6	05/14/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	2018-2550	CAMO-18-153992	GELC
R-15	958.6	07/13/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2018-2925	CAMO-18-159800	GELC
R-15	958.6	11/07/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2019-413	CAMO-19-163979	GELC
R-15	958.6	11/07/2018	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2019-413	CAMO-19-163981	GELC
R-15	958.6	01/11/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.424	—	—	0.33	mg/L	Y	J	J	N3B-2019-751	CAMO-19-165963	GELC
R-15	958.6	07/09/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.435	—	—	0.33	mg/L	Y	J	J	N3B-2019-2431	CAMO-19-181829	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.537	—	—	0.33	mg/L	Y	J	J	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	01/22/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0307	—	—	0.02	mg/L	Y	J	J	2018-1535	CAMO-18-150805	GELC
R-15	958.6	05/14/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0591	—	—	0.02	mg/L	Y	—	NQ	2018-2550	CAMO-18-153991	GELC
R-15	958.6	07/13/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0471	—	—	0.02	mg/L	Y	J	U	N3B-2018-2925	CAMO-18-159799	GELC
R-15	958.6	11/07/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	—	0.02	mg/L	Y	U	U	N3B-2019-413	CAMO-19-163978	GELC
R-15	958.6	11/07/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	—	0.02	mg/L	Y	U	U	N3B-2019-413	CAMO-19-163980	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0234	—	—	0.02	mg/L	Y	J	J	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0751	—	—	0.02	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0287	—	—	0.02	mg/L	Y	J	J	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	01/22/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.427	—	—	0.067	µg/L	Y	—	NQ	2018-1535	CAMO-18-150805	GELC
R-15	958.6	05/14/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.375	—	—	0.067	µg/L	Y	—	NQ	2018-2550	CAMO-18-153991	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-15	958.6	07/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.369	—	—	0.067	µg/L	Y	—	NQ	N3B-2018-2925	CAMO-18-159799	GELC
R-15	958.6	11/07/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.367	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-413	CAMO-19-163978	GELC
R-15	958.6	11/07/2018	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.374	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-413	CAMO-19-163980	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.387	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.38	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.298	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.415	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	07/14/2010	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.285	0.034	0.065	—	pCi/L	Y	—	NQ	10-3698	CAMO-10-22857	GELC
R-15	958.6	11/07/2013	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.282	0.0394	0.11	—	pCi/L	Y	—	NQ	2014-2426	CAMO-14-45747	GELC
R-15	958.6	11/07/2013	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.362	0.0473	0.111	—	pCi/L	Y	—	NQ	2014-2426	CAMO-14-45725	GELC
R-15	958.6	11/20/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.255	0.0279	0.0934	—	pCi/L	Y	—	NQ	2016-392	CAMO-16-106099	GELC
R-15	958.6	11/08/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.37	0.03	0.115	—	pCi/L	Y	—	NQ	2018-827	CAMO-18-148074	GELC
R-15	958.6	11/08/2017	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.275	0.0272	0.121	—	pCi/L	Y	—	NQ	2018-827	CAMO-18-148111	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.227	0.0257	0.0545	—	pCi/L	Y	—	NQ	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	07/14/2010	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0158	0.0084	0.04	—	pCi/L	Y	U	U	10-3698	CAMO-10-22857	GELC
R-15	958.6	11/07/2013	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0253	0.0155	0.0635	—	pCi/L	Y	U	U	2014-2426	CAMO-14-45747	GELC
R-15	958.6	11/07/2013	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0	0.00903	0.064	—	pCi/L	Y	U	U	2014-2426	CAMO-14-45725	GELC
R-15	958.6	11/20/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00354	0.00791	0.0815	—	pCi/L	Y	U	U	2016-392	CAMO-16-106099	GELC
R-15	958.6	11/08/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0887	0.0169	0.0498	—	pCi/L	Y	—	NQ	2018-827	CAMO-18-148074	GELC
R-15	958.6	11/08/2017	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0271	0.00997	0.0524	—	pCi/L	Y	U	U	2018-827	CAMO-18-148111	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0197	0.00899	0.0391	—	pCi/L	Y	U	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	07/14/2010	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.158	0.023	0.045	—	pCi/L	Y	—	NQ	10-3698	CAMO-10-22857	GELC
R-15	958.6	11/07/2013	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.149	0.0303	0.0569	—	pCi/L	Y	—	NQ	2014-2426	CAMO-14-45747	GELC
R-15	958.6	11/07/2013	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.16	0.0306	0.0573	—	pCi/L	Y	—	NQ	2014-2426	CAMO-14-45725	GELC
R-15	958.6	11/20/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.114	0.0198	0.0922	—	pCi/L	Y	—	NQ	2016-392	CAMO-16-106099	GELC
R-15	958.6	11/08/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.194	0.0217	0.0674	—	pCi/L	Y	—	NQ	2018-827	CAMO-18-148074	GELC
R-15	958.6	11/08/2017	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.114	0.0177	0.0709	—	pCi/L	Y	—	NQ	2018-827	CAMO-18-148111	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.118	0.0185	0.0638	—	pCi/L	Y	—	NQ	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	01/22/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.83	—	—	1	µg/L	Y	—	NQ	2018-1535	CAMO-18-150805	GELC
R-15	958.6	05/14/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.47	—	—	1	µg/L	Y	—	NQ	2018-2550	CAMO-18-153991	GELC
R-15	958.6	07/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.67	—	—	1	µg/L	Y	—	NQ	N3B-2018-2925	CAMO-18-159799	GELC
R-15	958.6	11/07/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.77	—	—	1	µg/L	Y	—	NQ	N3B-2019-413	CAMO-19-163978	GELC
R-15	958.6	11/07/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.01	—	—	1	µg/L	Y	—	NQ	N3B-2019-413	CAMO-19-163980	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.96	—	—	1	µg/L	Y	—	NQ	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.25	—	—	1	µg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.86	—	—	1	µg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.19	—	—	1	µg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189152	GELC
R-33 S1	995.5	07/09/2014	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3	µg/L	Y	UH	U	2014-3714	CAMO-14-81575	GELC
R-33 S1	995.5	11/06/2014	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3	µg/L	Y	U	U	2015-250	CAMO-15-90213	GELC
R-33 S1	995.5	11/12/2015	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3	µg/L	Y	UH	UJ	2016-334	CAMO-16-106101	GELC
R-33 S1	995.5	11/07/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	—	1.5	µg/L	Y	U	U	2018-787	CAMO-18-148075	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	1.97	—	—	1.5	µg/L	Y	J	R	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	01/23/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.76	—	—	0.01	SU	Y	H	NQ	2018-1544	CAMO-18-150807	GELC
R-33 S1	995.5	01/23/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.79	—	—	0.01	SU	Y	H	NQ	2018-1544	CAMO-18-150860	GELC
R-33 S1	995.5	05/09/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.79	—	—	0.01	SU	Y	H	NQ	2018-2526	CAMO-18-153993	GELC
R-33 S1	995.5	07/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.86	—	—	0.01	SU	Y	H	NQ	N3B-2018-2879	CAMO-18-159801	GELC
R-33 S1	995.5	11/06/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.89	—	—	0.01	SU	Y	H	NQ	N3B-2019-390	CAMO-19-163982	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.77	—	—	0.01	SU	Y	H	NQ	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.8	—	—	0.01	SU	Y	H	NQ	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.8	—	—	0.01	SU	Y	H	NQ	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.86	—	—	0.01	SU	Y	H	NQ	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.83	—	—	0.01	SU	Y	H	NQ	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.65	—	—	0.01	SU	Y	H	NQ	N3B-2020-285	CAMO-20-189156	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-33 S1	995.5	01/23/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.4	—	—	1.45	mg/L	Y	—	NQ	2018-1544	CAMO-18-150807	GELC
R-33 S1	995.5	01/23/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.4	—	—	1.45	mg/L	Y	—	NQ	2018-1544	CAMO-18-150860	GELC
R-33 S1	995.5	05/09/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.2	—	—	1.45	mg/L	Y	—	NQ	2018-2526	CAMO-18-153993	GELC
R-33 S1	995.5	07/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2018-2879	CAMO-18-159801	GELC
R-33 S1	995.5	11/06/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-390	CAMO-19-163982	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	69.5	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	05/12/2015	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.00708	0.0462	—	pCi/L	Y	U	U	2015-1190	CAMO-15-95779	GELC
R-33 S1	995.5	08/06/2015	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0101	0.00534	0.0574	—	pCi/L	Y	U	U	2015-2084	CAMO-15-102580	GELC
R-33 S1	995.5	08/06/2015	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00356	0.00436	0.0507	—	pCi/L	Y	U	U	2015-2084	CAMO-15-102558	GELC
R-33 S1	995.5	11/12/2015	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00781	0.013	0.0351	—	pCi/L	Y	U	U	2016-334	CAMO-16-106101	GELC
R-33 S1	995.5	11/07/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00694	0.00425	0.0309	—	pCi/L	Y	U	U	2018-787	CAMO-18-148075	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.0114	0.0613	—	pCi/L	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	01/23/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0332	—	—	0.017	mg/L	Y	J	U	2018-1544	CAMO-18-150807	GELC
R-33 S1	995.5	01/23/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0971	—	—	0.017	mg/L	Y	—	U	2018-1544	CAMO-18-150860	GELC
R-33 S1	995.5	05/09/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.017	mg/L	Y	U	U	2018-2526	CAMO-18-153993	GELC
R-33 S1	995.5	07/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.206	—	—	0.017	mg/L	Y	—	J+	N3B-2018-2879	CAMO-18-159801	GELC
R-33 S1	995.5	11/06/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0356	—	—	0.017	mg/L	Y	J	U	N3B-2019-390	CAMO-19-163982	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.017	mg/L	Y	U	U	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0319	—	—	0.017	mg/L	Y	J	J	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0217	—	—	0.017	mg/L	Y	J	J	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0488	—	—	0.017	mg/L	Y	J	J	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0439	—	—	0.017	mg/L	Y	J	J	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	01/23/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	2018-1544	CAMO-18-150807	GELC
R-33 S1	995.5	01/23/2018	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	2018-1544	CAMO-18-150860	GELC
R-33 S1	995.5	05/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	2018-2526	CAMO-18-153993	GELC
R-33 S1	995.5	07/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	N3B-2018-2879	CAMO-18-159801	GELC
R-33 S1	995.5	11/06/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.17	—	—	2	µg/L	Y	J	J	N3B-2019-390	CAMO-19-163982	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.74	—	—	2	µg/L	Y	J	J	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	Y	2.52	—	—	2	µg/L	Y	J	J	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	Y	2.18	—	—	2	µg/L	Y	J	J	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	5.8	—	—	2	µg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.39	—	—	2	µg/L	Y	J	J	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	01/23/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	31.1	—	—	1	µg/L	Y	—	NQ	2018-1544	CAMO-18-150807	GELC
R-33 S1	995.5	01/23/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	31.9	—	—	1	µg/L	Y	—	NQ	2018-1544	CAMO-18-150860	GELC
R-33 S1	995.5	05/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	31.5	—	—	1	µg/L	Y	—	NQ	2018-2526	CAMO-18-153993	GELC
R-33 S1	995.5	07/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	30.2	—	—	1	µg/L	Y	—	NQ	N3B-2018-2879	CAMO-18-159801	GELC
R-33 S1	995.5	11/06/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	31.1	—	—	1	µg/L	Y	—	NQ	N3B-2019-390	CAMO-19-163982	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	31.3	—	—	1	µg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	29.9	—	—	1	µg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	29	—	—	1	µg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	29.4	—	—	1	µg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	31.1	—	—	1	µg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	30.3	—	—	1	µg/L	Y	—	NQ	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	01/23/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.8	—	—	0.05	mg/L	Y	—	NQ	2018-1544	CAMO-18-150807	GELC
R-33 S1	995.5	01/23/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12	—	—	0.05	mg/L	Y	—	NQ	2018-1544	CAMO-18-150860	GELC
R-33 S1	995.5	05/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.8	—	—	0.05	mg/L	Y	—	NQ	2018-2526	CAMO-18-153993	GELC
R-33 S1	995.5	07/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-2879	CAMO-18-159801	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-33 S1	995.5	11/06/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-390	CAMO-19-163982	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	05/12/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.508	1.95	6.77	—	pCi/L	Y	U	U	2015-1190	CAMO-15-95779	GELC
R-33 S1	995.5	08/06/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.845	1.76	6.47	—	pCi/L	Y	U	U	2015-2084	CAMO-15-102580	GELC
R-33 S1	995.5	08/06/2015	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.696	1.57	5.91	—	pCi/L	Y	U	U	2015-2084	CAMO-15-102558	GELC
R-33 S1	995.5	11/12/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.0482	1.5	5.33	—	pCi/L	Y	U	U	2016-334	CAMO-16-106101	GELC
R-33 S1	995.5	11/07/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.436	1.9	6.35	—	pCi/L	Y	U	U	2018-787	CAMO-18-148075	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.0192	1.52	5.56	—	pCi/L	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	01/23/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.22	—	—	0.067	mg/L	Y	—	NQ	2018-1544	CAMO-18-150807	GELC
R-33 S1	995.5	01/23/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.28	—	—	0.067	mg/L	Y	—	NQ	2018-1544	CAMO-18-150860	GELC
R-33 S1	995.5	05/09/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.27	—	—	0.067	mg/L	Y	—	NQ	2018-2526	CAMO-18-153993	GELC
R-33 S1	995.5	07/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.32	—	—	0.067	mg/L	Y	—	NQ	N3B-2018-2879	CAMO-18-159801	GELC
R-33 S1	995.5	11/06/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.33	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-390	CAMO-19-163982	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.21	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.19	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.26	—	—	0.067	mg/L	Y	—	J-	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.3	—	—	0.067	mg/L	Y	—	J-	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.42	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.26	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	01/23/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.49	—	—	3	µg/L	Y	J	J	2018-1544	CAMO-18-150807	GELC
R-33 S1	995.5	01/23/2018	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	6.16	—	—	3	µg/L	Y	J	J	2018-1544	CAMO-18-150860	GELC
R-33 S1	995.5	05/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.67	—	—	3	µg/L	Y	J	J	2018-2526	CAMO-18-153993	GELC
R-33 S1	995.5	07/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.61	—	—	3	µg/L	Y	J	J	N3B-2018-2879	CAMO-18-159801	GELC
R-33 S1	995.5	11/06/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.42	—	—	3	µg/L	Y	J	J	N3B-2019-390	CAMO-19-163982	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	6.42	—	—	3	µg/L	Y	J	J	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	6.09	—	—	3	µg/L	Y	J	J	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	10.2	—	—	3	µg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	9.23	—	—	3	µg/L	Y	J	J	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.64	—	—	3	µg/L	Y	J	J	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	5.99	—	—	3	µg/L	Y	J	J	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	05/12/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.608	1.66	6.2	—	pCi/L	Y	U	U	2015-1190	CAMO-15-95779	GELC
R-33 S1	995.5	08/06/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.61	1.21	5.49	—	pCi/L	Y	U	U	2015-2084	CAMO-15-102580	GELC
R-33 S1	995.5	08/06/2015	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.59	1.58	6.76	—	pCi/L	Y	U	U	2015-2084	CAMO-15-102558	GELC
R-33 S1	995.5	11/12/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.737	1.31	4.73	—	pCi/L	Y	U	U	2016-334	CAMO-16-106101	GELC
R-33 S1	995.5	11/07/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.632	1.57	6.46	—	pCi/L	Y	U	U	2018-787	CAMO-18-148075	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.65	1.47	6.14	—	pCi/L	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	01/23/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.138	—	—	0.033	mg/L	Y	—	NQ	2018-1544	CAMO-18-150807	GELC
R-33 S1	995.5	01/23/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.151	—	—	0.033	mg/L	Y	—	NQ	2018-1544	CAMO-18-150860	GELC
R-33 S1	995.5	05/09/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.188	—	—	0.033	mg/L	Y	—	NQ	2018-2526	CAMO-18-153993	GELC
R-33 S1	995.5	07/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.135	—	—	0.033	mg/L	Y	—	NQ	N3B-2018-2879	CAMO-18-159801	GELC
R-33 S1	995.5	11/06/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.162	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-390	CAMO-19-163982	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.24	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.228	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.238	—	—	0.033	mg/L	Y	—	J-	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.277	—	—	0.033	mg/L	Y	—	J-	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.187	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.453	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	05/12/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.327	0.388	1.33	—	pCi/L	Y	U	U	2015-1190	CAMO-15-95779	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-33 S1	995.5	08/06/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.708	0.822	3	—	pCi/L	Y	U	U	2015-2084	CAMO-15-102580	GELC
R-33 S1	995.5	08/06/2015	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	0.166	0.719	2.83	—	pCi/L	Y	U	U	2015-2084	CAMO-15-102558	GELC
R-33 S1	995.5	11/12/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.565	0.638	2.58	—	pCi/L	Y	U	U	2016-334	CAMO-16-106101	GELC
R-33 S1	995.5	11/07/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.981	0.709	2.41	—	pCi/L	Y	U	U	2018-787	CAMO-18-148075	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.901	0.806	2.89	—	pCi/L	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	05/12/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.41	0.493	1.6	—	pCi/L	Y	U	U	2015-1190	CAMO-15-95779	GELC
R-33 S1	995.5	08/06/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.78	0.879	2.8	—	pCi/L	Y	U	U	2015-2084	CAMO-15-102580	GELC
R-33 S1	995.5	08/06/2015	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	2.61	0.914	2.71	—	pCi/L	Y	U	U	2015-2084	CAMO-15-102558	GELC
R-33 S1	995.5	11/12/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.58	0.722	2.11	—	pCi/L	Y	—	NQ	2016-334	CAMO-16-106101	GELC
R-33 S1	995.5	11/07/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	20.4	1.62	2.19	—	pCi/L	Y	—	NQ	2018-787	CAMO-18-148075	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.24	0.786	2.51	—	pCi/L	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	01/23/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	44.9	—	—	0.453	mg/L	Y	—	NQ	2018-1544	CAMO-18-150807	GELC
R-33 S1	995.5	01/23/2018	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	45.7	—	—	0.453	mg/L	Y	—	NQ	2018-1544	CAMO-18-150860	GELC
R-33 S1	995.5	05/09/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	45.4	—	—	0.453	mg/L	Y	—	NQ	2018-2526	CAMO-18-153993	GELC
R-33 S1	995.5	07/10/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	44.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2018-2879	CAMO-18-159801	GELC
R-33 S1	995.5	11/06/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	44	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-390	CAMO-19-163982	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	46	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	45.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	41.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	41.9	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	44.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	42.9	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	01/23/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30	—	—	30	µg/L	Y	U	U	2018-1544	CAMO-18-150807	GELC
R-33 S1	995.5	01/23/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Iron	Fe	N	30	—	—	30	µg/L	Y	U	U	2018-1544	CAMO-18-150860	GELC
R-33 S1	995.5	05/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30	—	—	30	µg/L	Y	U	U	2018-2526	CAMO-18-153993	GELC
R-33 S1	995.5	07/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30	—	—	30	µg/L	Y	U	U	N3B-2018-2879	CAMO-18-159801	GELC
R-33 S1	995.5	11/06/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30	—	—	30	µg/L	Y	U	U	N3B-2019-390	CAMO-19-163982	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	82	—	—	30	µg/L	Y	J	J	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Iron	Fe	N	30	—	—	30	µg/L	Y	U	U	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	01/23/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.75	—	—	0.11	mg/L	Y	—	NQ	2018-1544	CAMO-18-150807	GELC
R-33 S1	995.5	01/23/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.79	—	—	0.11	mg/L	Y	—	NQ	2018-1544	CAMO-18-150860	GELC
R-33 S1	995.5	05/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.87	—	—	0.11	mg/L	Y	—	NQ	2018-2526	CAMO-18-153993	GELC
R-33 S1	995.5	07/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.74	—	—	0.11	mg/L	Y	—	NQ	N3B-2018-2879	CAMO-18-159801	GELC
R-33 S1	995.5	11/06/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.69	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-390	CAMO-19-163982	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.14	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.2	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.66	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.72	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.63	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.63	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	01/23/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.25	—	—	0.2	µg/L	Y	—	NQ	2018-1544	CAMO-18-150807	GELC
R-33 S1	995.5	01/23/2018	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.18	—	—	0.2	µg/L	Y	—	NQ	2018-1544	CAMO-18-150860	GELC
R-33 S1	995.5	05/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.14	—	—	0.2	µg/L	Y	—	NQ	2018-2526	CAMO-18-153993	GELC
R-33 S1	995.5	07/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.19	—	—	0.2	µg/L	Y	—	NQ	N3B-2018-2879	CAMO-18-159801	GELC
R-33 S1	995.5	11/06/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.19	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-390	CAMO-19-163982	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.24	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.25	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.52	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.64	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.35	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	05/12/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.544	3.38	12	—	pCi/L	Y	U	U	2015-1190	CAMO-15-95779	GELC
R-33 S1	995.5	08/06/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.29	3	10.3	—	pCi/L	Y	U	U	2015-2084	CAMO-15-102580	GELC
R-33 S1	995.5	08/06/2015	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	4.15	3.09	11.5	—	pCi/L	Y	U	U	2015-2084	CAMO-15-102558	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-33 S1	995.5	11/12/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.893	3.08	9.07	—	pCi/L	Y	U	U	2016-334	CAMO-16-106101	GELC
R-33 S1	995.5	11/07/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.17	2.65	9.97	—	pCi/L	Y	U	U	2018-787	CAMO-18-148075	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.449	2.13	8.11	—	pCi/L	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	01/23/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.39	—	—	0.6	µg/L	Y	J	J	2018-1544	CAMO-18-150807	GELC
R-33 S1	995.5	01/23/2018	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.48	—	—	0.6	µg/L	Y	J	J	2018-1544	CAMO-18-150860	GELC
R-33 S1	995.5	05/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.06	—	—	0.6	µg/L	Y	J	J	2018-2526	CAMO-18-153993	GELC
R-33 S1	995.5	07/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.23	—	—	0.6	µg/L	Y	J	J	N3B-2018-2879	CAMO-18-159801	GELC
R-33 S1	995.5	11/06/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.62	—	—	0.6	µg/L	Y	J	J	N3B-2019-390	CAMO-19-163982	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.52	—	—	0.6	µg/L	Y	J	J	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.63	—	—	0.6	µg/L	Y	J	J	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	4.15	—	—	0.6	µg/L	Y	—	J+	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	3.63	—	—	0.6	µg/L	Y	—	J+	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.76	—	—	0.6	µg/L	Y	J	J	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	1.75	—	—	0.6	µg/L	Y	J	J	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	01/23/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.886	—	—	0.017	mg/L	Y	—	NQ	2018-1544	CAMO-18-150807	GELC
R-33 S1	995.5	01/23/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.62	—	—	0.017	mg/L	Y	—	NQ	2018-1544	CAMO-18-150860	GELC
R-33 S1	995.5	05/09/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.617	—	—	0.017	mg/L	Y	—	NQ	2018-2526	CAMO-18-153993	GELC
R-33 S1	995.5	07/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.537	—	—	0.017	mg/L	Y	—	NQ	N3B-2018-2879	CAMO-18-159801	GELC
R-33 S1	995.5	11/06/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.568	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-390	CAMO-19-163982	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.535	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.512	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.545	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.554	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.543	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.574	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	07/09/2014	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	10.2	—	—	3.06	µg/L	Y	U	U	2014-3714	CAMO-14-81575	GELC
R-33 S1	995.5	11/06/2014	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	5	—	—	0.8	µg/L	Y	U	U	2015-275	CAMO-15-90213	SHEALY
R-33 S1	995.5	11/06/2014	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	10	—	—	3	µg/L	Y	U	U	2015-250	CAMO-15-90213	GELC
R-33 S1	995.5	11/12/2015	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	5.1	—	—	1.53	µg/L	Y	U	U	2016-334	CAMO-16-106101	GELC
R-33 S1	995.5	11/12/2015	WG	UF	INIT	REG	SVOC	SW-846:8270DGCMS_SIM	Nitrosodiethylamine[N-]	55-18-5	N	0.1	—	—	0.03	µg/L	Y	U	U	2016-334	CAMO-16-106101	GELC
R-33 S1	995.5	11/07/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.09	—	—	3.09	µg/L	Y	U	U	2018-787	CAMO-18-148075	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3	—	—	3	µg/L	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	Y	0.000238	—	—	0.00018	µg/L	Y	J	J	N3B-2020-281	CAMO-20-189157	SwRI
R-33 S1	995.5	01/23/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.403	—	—	0.05	µg/L	Y	—	NQ	2018-1544	CAMO-18-150807	GELC
R-33 S1	995.5	01/23/2018	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.41	—	—	0.05	µg/L	Y	—	NQ	2018-1544	CAMO-18-150860	GELC
R-33 S1	995.5	05/09/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.349	—	—	0.05	µg/L	Y	—	NQ	2018-2526	CAMO-18-153993	GELC
R-33 S1	995.5	07/10/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.411	—	—	0.05	µg/L	Y	—	NQ	N3B-2018-2879	CAMO-18-159801	GELC
R-33 S1	995.5	11/06/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.42	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-390	CAMO-19-163982	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.419	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.451	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.366	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.4	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.387	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.371	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	05/12/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.00644	0.0439	—	pCi/L	Y	U	U	2015-1190	CAMO-15-95779	GELC
R-33 S1	995.5	08/06/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00801	0.00491	0.0333	—	pCi/L	Y	U	U	2015-2084	CAMO-15-102580	GELC
R-33 S1	995.5	08/06/2015	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.000000000667	0.0049	0.0332	—	pCi/L	Y	U	U	2015-2084	CAMO-15-102558	GELC
R-33 S1	995.5	11/12/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.00448	0.0262	—	pCi/L	Y	U	U	2016-334	CAMO-16-106101	GELC
R-33 S1	995.5	11/07/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0147	0.0116	0.054	—	pCi/L	Y	U	U	2018-787	CAMO-18-148075	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0107	0.0203	0.0484	—	pCi/L	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	05/12/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00322	0.0147	0.0802	—	pCi/L	Y	U	U	2015-1190	CAMO-15-95779	GELC
R-33 S1	995.5	08/06/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00601	0.00448	0.0443	—	pCi/L	Y	U	U	2015-2084	CAMO-15-102580	GELC
R-33 S1	995.5	08/06/2015	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00000000167	0.00693	0.0443	—	pCi/L	Y	U	U	2015-2084	CAMO-15-102558	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-33 S1	995.5	11/12/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00671	0.00742	0.0503	—	pCi/L	Y	U	U	2016-334	CAMO-16-106101	GELC
R-33 S1	995.5	11/07/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00732	0.0104	0.0772	—	pCi/L	Y	U	U	2018-787	CAMO-18-148075	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0187	0.0116	0.047	—	pCi/L	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	01/23/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.37	—	—	0.05	mg/L	Y	—	NQ	2018-1544	CAMO-18-150807	GELC
R-33 S1	995.5	01/23/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	1.38	—	—	0.05	mg/L	Y	—	NQ	2018-1544	CAMO-18-150860	GELC
R-33 S1	995.5	05/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.51	—	—	0.05	mg/L	Y	—	NQ	2018-2526	CAMO-18-153993	GELC
R-33 S1	995.5	07/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.49	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-2879	CAMO-18-159801	GELC
R-33 S1	995.5	11/06/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.33	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-390	CAMO-19-163982	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.56	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	1.53	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.49	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	1.52	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.52	—	—	0.05	mg/L	Y	—	J+	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	05/12/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	32.5	20.6	51.8	—	pCi/L	Y	U	U	2015-1190	CAMO-15-95779	GELC
R-33 S1	995.5	08/06/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-8.24	18.2	68.3	—	pCi/L	Y	U	U	2015-2084	CAMO-15-102580	GELC
R-33 S1	995.5	08/06/2015	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-10.4	19.9	77.2	—	pCi/L	Y	U	U	2015-2084	CAMO-15-102558	GELC
R-33 S1	995.5	11/12/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-23.8	14.9	53.9	—	pCi/L	Y	U	U	2016-334	CAMO-16-106101	GELC
R-33 S1	995.5	11/07/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	47.1	21.5	55.9	—	pCi/L	Y	U	U	2018-787	CAMO-18-148075	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	22.1	22.7	91.6	—	pCi/L	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	06/27/2005	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.706	0.216	0.507	—	pCi/L	Y	—	J	139722	GU0506G33R101	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.714	0.285	0.84	—	pCi/L	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.797	0.364	1.641	—	pCi/L	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.0833	0.226	0.801	—	pCi/L	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	01/23/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.4	—	—	0.053	mg/L	Y	—	NQ	2018-1544	CAMO-18-150807	GELC
R-33 S1	995.5	01/23/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.9	—	—	0.053	mg/L	Y	—	NQ	2018-1544	CAMO-18-150860	GELC
R-33 S1	995.5	05/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	77.3	—	—	0.053	mg/L	Y	—	NQ	2018-2526	CAMO-18-153993	GELC
R-33 S1	995.5	07/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	76.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2018-2879	CAMO-18-159801	GELC
R-33 S1	995.5	11/06/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	77.6	—	—	0.53	mg/L	Y	—	NQ	N3B-2019-390	CAMO-19-163982	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	75.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	72.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	01/23/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.9	—	—	0.1	mg/L	Y	—	J+	2018-1544	CAMO-18-150807	GELC
R-33 S1	995.5	01/23/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.2	—	—	0.1	mg/L	Y	—	J+	2018-1544	CAMO-18-150860	GELC
R-33 S1	995.5	05/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.3	—	—	0.1	mg/L	Y	E	NQ	2018-2526	CAMO-18-153993	GELC
R-33 S1	995.5	07/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12	—	—	0.1	mg/L	Y	—	NQ	N3B-2018-2879	CAMO-18-159801	GELC
R-33 S1	995.5	11/06/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.7	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-390	CAMO-19-163982	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.4	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.6	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.7	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.9	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.8	—	—	0.1	mg/L	Y	N	NQ	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	05/12/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	3.73	1.08	6.75	—	pCi/L	Y	U	U	2015-1190	CAMO-15-95779	GELC
R-33 S1	995.5	08/06/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.298	1.44	5.7	—	pCi/L	Y	U	U	2015-2084	CAMO-15-102580	GELC
R-33 S1	995.5	08/06/2015	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.69	1.56	5.3	—	pCi/L	Y	U	U	2015-2084	CAMO-15-102558	GELC
R-33 S1	995.5	11/12/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.45	1.03	3.42	—	pCi/L	Y	U	U	2016-334	CAMO-16-106101	GELC
R-33 S1	995.5	11/07/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	2.53	1.64	7.34	—	pCi/L	Y	U	U	2018-787	CAMO-18-148075	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.93	1.21	5.95	—	pCi/L	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	01/23/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	155	—	—	1	µS/cm	Y	—	NQ	2018-1544	CAMO-18-150807	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-33 S1	995.5	01/23/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	145	—	—	1	µS/cm	Y	—	NQ	2018-1544	CAMO-18-150860	GELC
R-33 S1	995.5	05/09/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	142	—	—	1	µS/cm	Y	—	NQ	2018-2526	CAMO-18-153993	GELC
R-33 S1	995.5	07/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	144	—	—	1	µS/cm	Y	—	NQ	N3B-2018-2879	CAMO-18-159801	GELC
R-33 S1	995.5	11/06/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	141	—	—	1	µS/cm	Y	—	NQ	N3B-2019-390	CAMO-19-163982	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	142	—	—	1	µS/cm	Y	—	NQ	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	143	—	—	1	µS/cm	Y	—	NQ	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	159	—	—	1	µS/cm	Y	—	NQ	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	143	—	—	1	µS/cm	Y	—	NQ	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	145	—	—	1	µS/cm	Y	—	NQ	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	123	—	—	1	µS/cm	Y	—	NQ	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	01/23/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	47.4	—	—	1	µg/L	Y	—	NQ	2018-1544	CAMO-18-150807	GELC
R-33 S1	995.5	01/23/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	47.7	—	—	1	µg/L	Y	—	NQ	2018-1544	CAMO-18-150860	GELC
R-33 S1	995.5	05/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	50.1	—	—	1	µg/L	Y	—	NQ	2018-2526	CAMO-18-153993	GELC
R-33 S1	995.5	07/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	48.8	—	—	1	µg/L	Y	—	NQ	N3B-2018-2879	CAMO-18-159801	GELC
R-33 S1	995.5	11/06/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	49.3	—	—	1	µg/L	Y	—	NQ	N3B-2019-390	CAMO-19-163982	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	50.5	—	—	1	µg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	49.1	—	—	1	µg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	47	—	—	1	µg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	47.4	—	—	1	µg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	49.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	49.5	—	—	1	µg/L	Y	—	NQ	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	05/12/2015	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.137	0.13	0.485	—	pCi/L	Y	U	U	2015-1190	CAMO-15-95779	GELC
R-33 S1	995.5	08/06/2015	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.186	0.128	0.475	—	pCi/L	Y	U	U	2015-2084	CAMO-15-102580	GELC
R-33 S1	995.5	08/06/2015	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.17	0.118	0.439	—	pCi/L	Y	U	U	2015-2084	CAMO-15-102558	GELC
R-33 S1	995.5	11/12/2015	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.135	0.118	0.476	—	pCi/L	Y	U	U	2016-334	CAMO-16-106101	GELC
R-33 S1	995.5	11/07/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0466	0.0887	0.359	—	pCi/L	Y	U	U	2018-787	CAMO-18-148075	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.178	0.144	0.482	—	pCi/L	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	01/23/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.43	—	—	0.133	mg/L	Y	—	NQ	2018-1544	CAMO-18-150807	GELC
R-33 S1	995.5	01/23/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.46	—	—	0.133	mg/L	Y	—	NQ	2018-1544	CAMO-18-150860	GELC
R-33 S1	995.5	05/09/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.49	—	—	0.133	mg/L	Y	—	NQ	2018-2526	CAMO-18-153993	GELC
R-33 S1	995.5	07/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.57	—	—	0.133	mg/L	Y	—	NQ	N3B-2018-2879	CAMO-18-159801	GELC
R-33 S1	995.5	11/06/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.65	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-390	CAMO-19-163982	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.34	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.27	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.36	—	—	0.133	mg/L	Y	—	J-	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.38	—	—	0.133	mg/L	Y	—	J-	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.5	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.32	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	01/23/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	2018-1544	CAMO-18-150807	GELC
R-33 S1	995.5	01/23/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	2018-1544	CAMO-18-150808	GELC
R-33 S1	995.5	01/23/2018	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	2018-1544	CAMO-18-150860	GELC
R-33 S1	995.5	01/23/2018	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	2018-1544	CAMO-18-150863	GELC
R-33 S1	995.5	05/09/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-2526	CAMO-18-153993	GELC
R-33 S1	995.5	05/09/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-2526	CAMO-18-153994	GELC
R-33 S1	995.5	07/10/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2018-2879	CAMO-18-159801	GELC
R-33 S1	995.5	07/10/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2018-2879	CAMO-18-159802	GELC
R-33 S1	995.5	11/06/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-390	CAMO-19-163982	GELC
R-33 S1	995.5	11/06/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-390	CAMO-19-163983	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-747	CAMO-19-165965	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	01/10/2019	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-747	CAMO-19-165967	GELC
R-33 S1	995.5	05/20/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-1943	CAMO-19-175143	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-33 S1	995.5	05/20/2019	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-1943	CAMO-19-175145	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	07/09/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-2431	CAMO-19-181831	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	01/23/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	2018-1544	CAMO-18-150807	GELC
R-33 S1	995.5	01/23/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	2018-1544	CAMO-18-150860	GELC
R-33 S1	995.5	05/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	2018-2526	CAMO-18-153993	GELC
R-33 S1	995.5	07/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2018-2879	CAMO-18-159801	GELC
R-33 S1	995.5	11/06/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2019-390	CAMO-19-163982	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	2.57	—	—	2.5	µg/L	Y	J	J	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Tin	Sn	Y	6.27	—	—	2.5	µg/L	Y	J	J	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	12.8	—	—	2.5	µg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Tin	Sn	Y	6.98	—	—	2.5	µg/L	Y	J	J	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	01/23/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	136	—	—	3.4	mg/L	Y	—	NQ	2018-1544	CAMO-18-150807	GELC
R-33 S1	995.5	01/23/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	126	—	—	3.4	mg/L	Y	—	NQ	2018-1544	CAMO-18-150860	GELC
R-33 S1	995.5	05/09/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	180	—	—	3.4	mg/L	Y	—	NQ	2018-2526	CAMO-18-153993	GELC
R-33 S1	995.5	07/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	146	—	—	3.4	mg/L	Y	—	NQ	N3B-2018-2879	CAMO-18-159801	GELC
R-33 S1	995.5	11/06/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	176	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-390	CAMO-19-163982	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	151	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	143	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	171	—	—	3.4	mg/L	Y	H	NQ	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	209	—	—	3.4	mg/L	Y	H	NQ	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	160	—	—	3.4	mg/L	Y	—	J+	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	153	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	01/23/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	2018-1544	CAMO-18-150808	GELC
R-33 S1	995.5	01/23/2018	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	2018-1544	CAMO-18-150863	GELC
R-33 S1	995.5	05/09/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.168	—	—	0.033	mg/L	Y	—	NQ	2018-2526	CAMO-18-153994	GELC
R-33 S1	995.5	07/10/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.142	—	—	0.033	mg/L	Y	—	NQ	N3B-2018-2879	CAMO-18-159802	GELC
R-33 S1	995.5	11/06/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2019-390	CAMO-19-163983	GELC
R-33 S1	995.5	01/10/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.297	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165965	GELC
R-33 S1	995.5	01/10/2019	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2019-747	CAMO-19-165967	GELC
R-33 S1	995.5	05/20/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.142	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175143	GELC
R-33 S1	995.5	05/20/2019	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0813	—	—	0.033	mg/L	Y	J	J	N3B-2019-1991	CAMO-19-175145	GELC
R-33 S1	995.5	07/10/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2018-2879	CAMO-18-159802	GELC
R-33 S1	995.5	11/06/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.353	—	—	0.33	mg/L	Y	J	J	N3B-2019-390	CAMO-19-163983	GELC
R-33 S1	995.5	01/10/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2019-747	CAMO-19-165965	GELC
R-33 S1	995.5	01/10/2019	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2019-747	CAMO-19-165967	GELC
R-33 S1	995.5	05/20/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2019-1991	CAMO-19-175143	GELC
R-33 S1	995.5	05/20/2019	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2019-1991	CAMO-19-175145	GELC
R-33 S1	995.5	07/09/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.428	—	—	0.33	mg/L	Y	J	J	N3B-2019-2431	CAMO-19-181831	GELC
R-33 S1	995.5	01/23/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0659	—	—	0.02	mg/L	Y	—	U	2018-1544	CAMO-18-150807	GELC
R-33 S1	995.5	01/23/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0313	—	—	0.02	mg/L	Y	J	U	2018-1544	CAMO-18-150860	GELC
R-33 S1	995.5	05/09/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0275	—	—	0.02	mg/L	Y	J	J	2018-2526	CAMO-18-153993	GELC
R-33 S1	995.5	07/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0416	—	—	0.02	mg/L	Y	J	U	N3B-2018-2879	CAMO-18-159801	GELC
R-33 S1	995.5	11/06/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0433	—	—	0.02	mg/L	Y	J	U	N3B-2019-390	CAMO-19-163982	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0213	—	—	0.02	mg/L	Y	J	J	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0279	—	—	0.02	mg/L	Y	J	J	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0324	—	—	0.02	mg/L	Y	J	J	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0358	—	—	0.02	mg/L	Y	J	J	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0847	—	—	0.02	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	11/12/2015	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.164	0.61	2.086	—	pCi/L	Y	U	U	2016-379	CAMO-16-106101	ARSL

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-33 S1	995.5	11/14/2016	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.528	0.628	2.162	—	pCi/L	Y	U	U	2017-493	CAMO-17-127229	ARSL
R-33 S1	995.5	11/07/2017	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.093	0.8	2.722	—	pCi/L	Y	U	U	2018-835	CAMO-18-148075	ARSL
R-33 S1	995.5	11/06/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.142	0.814	2.75	—	pCi/L	Y	U*	U	N3B-2019-418	CAMO-19-163983	ARSL
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.687	0.933	3.1	—	pCi/L	Y	U	U	N3B-2020-282	CAMO-20-189157	ARSL
R-33 S1	995.5	01/23/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.87	—	—	0.067	µg/L	Y	—	NQ	2018-1544	CAMO-18-150807	GELC
R-33 S1	995.5	01/23/2018	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.859	—	—	0.067	µg/L	Y	—	NQ	2018-1544	CAMO-18-150860	GELC
R-33 S1	995.5	05/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.837	—	—	0.067	µg/L	Y	—	NQ	2018-2526	CAMO-18-153993	GELC
R-33 S1	995.5	07/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.797	—	—	0.067	µg/L	Y	—	NQ	N3B-2018-2879	CAMO-18-159801	GELC
R-33 S1	995.5	11/06/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.808	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-390	CAMO-19-163982	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.889	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.887	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.786	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.773	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.716	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.914	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	05/12/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.495	0.0393	0.0664	—	pCi/L	Y	—	NQ	2015-1190	CAMO-15-95779	GELC
R-33 S1	995.5	08/06/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.503	0.0302	0.0788	—	pCi/L	Y	—	NQ	2015-2084	CAMO-15-102580	GELC
R-33 S1	995.5	08/06/2015	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.526	0.0327	0.087	—	pCi/L	Y	—	NQ	2015-2084	CAMO-15-102558	GELC
R-33 S1	995.5	11/12/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.506	0.0318	0.0639	—	pCi/L	Y	—	NQ	2016-334	CAMO-16-106101	GELC
R-33 S1	995.5	11/07/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.522	0.0396	0.138	—	pCi/L	Y	—	NQ	2018-787	CAMO-18-148075	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.514	0.045	0.0728	—	pCi/L	Y	—	NQ	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	05/12/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.018	0.0119	0.0425	—	pCi/L	Y	U	U	2015-1190	CAMO-15-95779	GELC
R-33 S1	995.5	08/06/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0723	0.013	0.0523	—	pCi/L	Y	—	NQ	2015-2084	CAMO-15-102580	GELC
R-33 S1	995.5	08/06/2015	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0435	0.0118	0.0577	—	pCi/L	Y	U	U	2015-2084	CAMO-15-102558	GELC
R-33 S1	995.5	11/12/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0169	0.00802	0.0557	—	pCi/L	Y	U	U	2016-334	CAMO-16-106101	GELC
R-33 S1	995.5	11/07/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0412	0.0146	0.0597	—	pCi/L	Y	U	U	2018-787	CAMO-18-148075	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0209	0.0131	0.0525	—	pCi/L	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	05/12/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.346	0.0325	0.056	—	pCi/L	Y	—	J	2015-1190	CAMO-15-95779	GELC
R-33 S1	995.5	08/06/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.319	0.0243	0.0494	—	pCi/L	Y	—	NQ	2015-2084	CAMO-15-102580	GELC
R-33 S1	995.5	08/06/2015	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.317	0.0254	0.0545	—	pCi/L	Y	—	NQ	2015-2084	CAMO-15-102558	GELC
R-33 S1	995.5	11/12/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.264	0.0231	0.0631	—	pCi/L	Y	—	NQ	2016-334	CAMO-16-106101	GELC
R-33 S1	995.5	11/07/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.391	0.0346	0.0809	—	pCi/L	Y	—	NQ	2018-787	CAMO-18-148075	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.317	0.0352	0.085	—	pCi/L	Y	—	NQ	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	01/23/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.42	—	—	1	µg/L	Y	—	NQ	2018-1544	CAMO-18-150807	GELC
R-33 S1	995.5	01/23/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.51	—	—	1	µg/L	Y	—	NQ	2018-1544	CAMO-18-150860	GELC
R-33 S1	995.5	05/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.68	—	—	1	µg/L	Y	—	NQ	2018-2526	CAMO-18-153993	GELC
R-33 S1	995.5	07/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.6	—	—	1	µg/L	Y	—	NQ	N3B-2018-2879	CAMO-18-159801	GELC
R-33 S1	995.5	11/06/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.55	—	—	1	µg/L	Y	—	NQ	N3B-2019-390	CAMO-19-163982	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.71	—	—	1	µg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.48	—	—	1	µg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.17	—	—	1	µg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.27	—	—	1	µg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.79	—	—	1	µg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.33	—	—	1	µg/L	Y	—	NQ	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	11/06/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	3.59	—	—	3.3	µg/L	Y	J	J	N3B-2019-390	CAMO-19-163982	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	7.97	—	—	3.3	µg/L	Y	J	U	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Zinc	Zn	N	8.09	—	—	3.3	µg/L	Y	J	U	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	5.08	—	—	3.3	µg/L	Y	J	U	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	4.83	—	—	3.3	µg/L	Y	J	J	N3B-2020-285	CAMO-20-189156	GELC
R-33 S2	1112.4	07/09/2014	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3	µg/L	Y	UH	U	2014-3714	CAMO-14-81576	GELC
R-33 S2	1112.4	11/06/2014	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3	µg/L	Y	U	U	2015-250	CAMO-15-90214	GELC
R-33 S2	1112.4	11/12/2015	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3	µg/L	Y	UH	UJ	2016-334	CAMO-16-106102	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-33 S2	1112.4	11/07/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	—	1.5	µg/L	Y	U	U	2018-787	CAMO-18-148076	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	2.47	—	—	1.5	µg/L	Y	J	R	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	01/24/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.92	—	—	0.01	SU	Y	H	NQ	2018-1557	CAMO-18-150809	GELC
R-33 S2	1112.4	05/09/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.91	—	—	0.01	SU	Y	H	NQ	2018-2526	CAMO-18-153995	GELC
R-33 S2	1112.4	07/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.89	—	—	0.01	SU	Y	H	NQ	N3B-2018-2879	CAMO-18-159803	GELC
R-33 S2	1112.4	11/06/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.94	—	—	0.01	SU	Y	H	NQ	N3B-2019-390	CAMO-19-163984	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.9	—	—	0.01	SU	Y	H	NQ	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.97	—	—	0.01	SU	Y	H	NQ	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.87	—	—	0.01	SU	Y	H	NQ	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.94	—	—	0.01	SU	Y	H	NQ	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.83	—	—	0.01	SU	Y	H	NQ	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	01/24/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	67	—	—	1.45	mg/L	Y	—	NQ	2018-1557	CAMO-18-150809	GELC
R-33 S2	1112.4	05/09/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66.4	—	—	1.45	mg/L	Y	—	NQ	2018-2526	CAMO-18-153995	GELC
R-33 S2	1112.4	07/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66	—	—	1.45	mg/L	Y	—	NQ	N3B-2018-2879	CAMO-18-159803	GELC
R-33 S2	1112.4	11/06/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-390	CAMO-19-163984	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	67.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	05/12/2015	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00314	0.00832	0.0581	—	pCi/L	Y	U	U	2015-1190	CAMO-15-95780	GELC
R-33 S2	1112.4	08/06/2015	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00000000131	0.00619	0.0557	—	pCi/L	Y	U	U	2015-2084	CAMO-15-102581	GELC
R-33 S2	1112.4	11/12/2015	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0061	0.00538	0.0275	—	pCi/L	Y	U	U	2016-334	CAMO-16-106102	GELC
R-33 S2	1112.4	11/07/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00198	0.00656	0.0352	—	pCi/L	Y	U	U	2018-787	CAMO-18-148076	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.00805	0.0431	—	pCi/L	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	05/09/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0309	—	—	0.017	mg/L	Y	J	U	2018-2526	CAMO-18-153995	GELC
R-33 S2	1112.4	07/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.159	—	—	0.017	mg/L	Y	—	U	N3B-2018-2879	CAMO-18-159803	GELC
R-33 S2	1112.4	11/06/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0359	—	—	0.017	mg/L	Y	J	U	N3B-2019-390	CAMO-19-163984	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.017	mg/L	Y	U	U	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.052	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.055	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0286	—	—	0.017	mg/L	Y	J	J	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	01/24/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	2018-1557	CAMO-18-150809	GELC
R-33 S2	1112.4	05/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.05	—	—	2	µg/L	Y	J	J	2018-2526	CAMO-18-153995	GELC
R-33 S2	1112.4	07/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	N3B-2018-2879	CAMO-18-159803	GELC
R-33 S2	1112.4	11/06/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.02	—	—	2	µg/L	Y	J	J	N3B-2019-390	CAMO-19-163984	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.49	—	—	2	µg/L	Y	J	J	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	5.56	—	—	2	µg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	Y	5.67	—	—	2	µg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.07	—	—	2	µg/L	Y	J	J	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	01/24/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	32.9	—	—	1	µg/L	Y	—	NQ	2018-1557	CAMO-18-150809	GELC
R-33 S2	1112.4	05/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	34.7	—	—	1	µg/L	Y	—	NQ	2018-2526	CAMO-18-153995	GELC
R-33 S2	1112.4	07/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	32.9	—	—	1	µg/L	Y	—	NQ	N3B-2018-2879	CAMO-18-159803	GELC
R-33 S2	1112.4	11/06/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	34.8	—	—	1	µg/L	Y	—	NQ	N3B-2019-390	CAMO-19-163984	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	34.5	—	—	1	µg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	33.1	—	—	1	µg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	33	—	—	1	µg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	34.6	—	—	1	µg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	32.4	—	—	1	µg/L	Y	—	NQ	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	01/24/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.8	—	—	0.05	mg/L	Y	—	NQ	2018-1557	CAMO-18-150809	GELC
R-33 S2	1112.4	05/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11	—	—	0.05	mg/L	Y	—	NQ	2018-2526	CAMO-18-153995	GELC
R-33 S2	1112.4	07/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.9	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-2879	CAMO-18-159803	GELC
R-33 S2	1112.4	11/06/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-390	CAMO-19-163984	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	9.84	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	05/12/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	4.72	1.86	7.06	—	pCi/L	Y	U	U	2015-1190	CAMO-15-95780	GELC
R-33 S2	1112.4	08/06/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.06	1.44	4.94	—	pCi/L	Y	U	U	2015-2084	CAMO-15-102581	GELC
R-33 S2	1112.4	11/12/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.9	1.61	6.22	—	pCi/L	Y	U	U	2016-334	CAMO-16-106102	GELC
R-33 S2	1112.4	11/07/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.254	1.22	3.93	—	pCi/L	Y	U	U	2018-787	CAMO-18-148076	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.987	1.33	4.87	—	pCi/L	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	01/24/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.96	—	—	0.067	mg/L	Y	—	NQ	2018-1557	CAMO-18-150809	GELC
R-33 S2	1112.4	05/09/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.96	—	—	0.067	mg/L	Y	—	NQ	2018-2526	CAMO-18-153995	GELC
R-33 S2	1112.4	07/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.03	—	—	0.067	mg/L	Y	—	NQ	N3B-2018-2879	CAMO-18-159803	GELC
R-33 S2	1112.4	11/06/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-390	CAMO-19-163984	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.99	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.04	—	—	0.067	mg/L	Y	—	J-	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.09	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.08	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.92	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	01/24/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	6.07	—	—	3	µg/L	Y	J	J	2018-1557	CAMO-18-150809	GELC
R-33 S2	1112.4	05/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.75	—	—	3	µg/L	Y	J	J	2018-2526	CAMO-18-153995	GELC
R-33 S2	1112.4	07/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.42	—	—	3	µg/L	Y	J	J	N3B-2018-2879	CAMO-18-159803	GELC
R-33 S2	1112.4	11/06/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.39	—	—	3	µg/L	Y	J	J	N3B-2019-390	CAMO-19-163984	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.95	—	—	3	µg/L	Y	J	J	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.5	—	—	3	µg/L	Y	J	J	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.73	—	—	3	µg/L	Y	J	J	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.69	—	—	3	µg/L	Y	J	J	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	5.33	—	—	3	µg/L	Y	J	J	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	05/12/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-2.04	1.93	6.66	—	pCi/L	Y	U	U	2015-1190	CAMO-15-95780	GELC
R-33 S2	1112.4	08/06/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.595	1.4	5.03	—	pCi/L	Y	U	U	2015-2084	CAMO-15-102581	GELC
R-33 S2	1112.4	11/12/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-2.13	1.69	5.73	—	pCi/L	Y	U	U	2016-334	CAMO-16-106102	GELC
R-33 S2	1112.4	11/07/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.435	1.59	6.2	—	pCi/L	Y	U	U	2018-787	CAMO-18-148076	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.588	1.19	4.68	—	pCi/L	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	01/24/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.1	—	—	0.033	mg/L	Y	—	NQ	2018-1557	CAMO-18-150809	GELC
R-33 S2	1112.4	05/09/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.17	—	—	0.033	mg/L	Y	—	NQ	2018-2526	CAMO-18-153995	GELC
R-33 S2	1112.4	07/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.244	—	—	0.033	mg/L	Y	—	NQ	N3B-2018-2879	CAMO-18-159803	GELC
R-33 S2	1112.4	11/06/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.153	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-390	CAMO-19-163984	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.218	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.216	—	—	0.033	mg/L	Y	—	J-	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.149	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.148	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.448	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	05/12/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.589	0.527	1.92	—	pCi/L	Y	U	U	2015-1190	CAMO-15-95780	GELC
R-33 S2	1112.4	08/06/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.919	0.71	2.96	—	pCi/L	Y	U	U	2015-2084	CAMO-15-102581	GELC
R-33 S2	1112.4	11/12/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.0711	0.644	2.42	—	pCi/L	Y	U	U	2016-334	CAMO-16-106102	GELC
R-33 S2	1112.4	11/07/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.0395	0.677	2.83	—	pCi/L	Y	U	U	2018-787	CAMO-18-148076	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.766	0.803	2.9	—	pCi/L	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	05/12/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.65	0.543	1.71	—	pCi/L	Y	—	NQ	2015-1190	CAMO-15-95780	GELC
R-33 S2	1112.4	08/06/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.85	0.976	2.69	—	pCi/L	Y	—	NQ	2015-2084	CAMO-15-102581	GELC
R-33 S2	1112.4	11/12/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.42	0.816	2.68	—	pCi/L	Y	U	U	2016-334	CAMO-16-106102	GELC
R-33 S2	1112.4	11/07/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.39	0.89	2.47	—	pCi/L	Y	—	NQ	2018-787	CAMO-18-148076	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.7	0.68	2.18	—	pCi/L	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	01/24/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	43.2	—	—	0.453	mg/L	Y	—	NQ	2018-1557	CAMO-18-150809	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-33 S2	1112.4	05/09/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	44	—	—	0.453	mg/L	Y	—	NQ	2018-2526	CAMO-18-153995	GELC
R-33 S2	1112.4	07/10/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	43.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2018-2879	CAMO-18-159803	GELC
R-33 S2	1112.4	11/06/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	42.9	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-390	CAMO-19-163984	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	44.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	40.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	41.5	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	42.9	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	40.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	01/24/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.97	—	—	0.11	mg/L	Y	—	NQ	2018-1557	CAMO-18-150809	GELC
R-33 S2	1112.4	05/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.04	—	—	0.11	mg/L	Y	—	NQ	2018-2526	CAMO-18-153995	GELC
R-33 S2	1112.4	07/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.94	—	—	0.11	mg/L	Y	—	NQ	N3B-2018-2879	CAMO-18-159803	GELC
R-33 S2	1112.4	11/06/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.86	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-390	CAMO-19-163984	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.44	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.89	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.63	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.75	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.71	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	01/24/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.03	—	—	0.2	µg/L	Y	—	NQ	2018-1557	CAMO-18-150809	GELC
R-33 S2	1112.4	05/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.951	—	—	0.2	µg/L	Y	—	NQ	2018-2526	CAMO-18-153995	GELC
R-33 S2	1112.4	07/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.944	—	—	0.2	µg/L	Y	—	NQ	N3B-2018-2879	CAMO-18-159803	GELC
R-33 S2	1112.4	11/06/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.969	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-390	CAMO-19-163984	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.06	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.988	—	—	0.2	µg/L	Y	J	J	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.15	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	05/12/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.13	3.61	12.8	—	pCi/L	Y	U	U	2015-1190	CAMO-15-95780	GELC
R-33 S2	1112.4	08/06/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.44	2.94	9.7	—	pCi/L	Y	U	U	2015-2084	CAMO-15-102581	GELC
R-33 S2	1112.4	11/12/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.598	3.25	11.3	—	pCi/L	Y	U	U	2016-334	CAMO-16-106102	GELC
R-33 S2	1112.4	11/07/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.48	3.1	10.9	—	pCi/L	Y	U	U	2018-787	CAMO-18-148076	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.46	2.68	9.6	—	pCi/L	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	01/24/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.33	—	—	0.017	mg/L	Y	—	NQ	2018-1557	CAMO-18-150809	GELC
R-33 S2	1112.4	05/09/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.418	—	—	0.017	mg/L	Y	—	NQ	2018-2526	CAMO-18-153995	GELC
R-33 S2	1112.4	07/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.336	—	—	0.017	mg/L	Y	—	NQ	N3B-2018-2879	CAMO-18-159803	GELC
R-33 S2	1112.4	11/06/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.366	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-390	CAMO-19-163984	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.333	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.348	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.356	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.351	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.353	—	—	0.17	mg/L	Y	J	J	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	01/24/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.351	—	—	0.05	µg/L	Y	—	NQ	2018-1557	CAMO-18-150809	GELC
R-33 S2	1112.4	05/09/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.317	—	—	0.05	µg/L	Y	—	NQ	2018-2526	CAMO-18-153995	GELC
R-33 S2	1112.4	07/10/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.378	—	—	0.05	µg/L	Y	—	NQ	N3B-2018-2879	CAMO-18-159803	GELC
R-33 S2	1112.4	11/06/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.364	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-390	CAMO-19-163984	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.374	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.363	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.391	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.347	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.339	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	05/12/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00955	0.00842	0.0434	—	pCi/L	Y	U	U	2015-1190	CAMO-15-95780	GELC
R-33 S2	1112.4	08/06/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0039	0.00552	0.0324	—	pCi/L	Y	U	U	2015-2084	CAMO-15-102581	GELC
R-33 S2	1112.4	11/12/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00222	0.00384	0.0259	—	pCi/L	Y	U	U	2016-334	CAMO-16-106102	GELC
R-33 S2	1112.4	11/07/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00262	0.00587	0.0387	—	pCi/L	Y	U	U	2018-787	CAMO-18-148076	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00751	0.0103	0.0454	—	pCi/L	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	05/12/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00318	0.00842	0.0792	—	pCi/L	Y	U	U	2015-1190	CAMO-15-95780	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-33 S2	1112.4	08/06/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00195	0.00436	0.0431	—	pCi/L	Y	U	U	2015-2084	CAMO-15-102581	GELC
R-33 S2	1112.4	11/12/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0133	0.0094	0.0498	—	pCi/L	Y	U	U	2016-334	CAMO-16-106102	GELC
R-33 S2	1112.4	11/07/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00524	0.00829	0.0553	—	pCi/L	Y	U	U	2018-787	CAMO-18-148076	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0025	0.0083	0.0441	—	pCi/L	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	01/24/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.18	—	—	0.05	mg/L	Y	—	NQ	2018-1557	CAMO-18-150809	GELC
R-33 S2	1112.4	05/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.28	—	—	0.05	mg/L	Y	—	NQ	2018-2526	CAMO-18-153995	GELC
R-33 S2	1112.4	07/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.26	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-2879	CAMO-18-159803	GELC
R-33 S2	1112.4	11/06/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.14	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-390	CAMO-19-163984	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.36	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.34	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.18	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	2.21	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.15	—	—	0.05	mg/L	Y	—	J+	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	05/12/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	10	19.3	75.8	—	pCi/L	Y	U	U	2015-1190	CAMO-15-95780	GELC
R-33 S2	1112.4	08/06/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	17.6	18.1	45.9	—	pCi/L	Y	U	U	2015-2084	CAMO-15-102581	GELC
R-33 S2	1112.4	11/12/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	12.6	21.1	80.4	—	pCi/L	Y	U	U	2016-334	CAMO-16-106102	GELC
R-33 S2	1112.4	11/07/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	50.6	20.8	54.4	—	pCi/L	Y	U	U	2018-787	CAMO-18-148076	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-3.15	18.3	77.3	—	pCi/L	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	06/24/2005	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	-0.191	0.166	0.758	—	pCi/L	Y	U	U	139551	GU0506G33R201	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	3.21	0.372	0.394	—	pCi/L	Y	—	NQ	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	3.21	0.44	—	—	pCi/L	Y	—	NQ	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.0807	0.233	0.849	—	pCi/L	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	01/24/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.9	—	—	0.053	mg/L	Y	—	NQ	2018-1557	CAMO-18-150809	GELC
R-33 S2	1112.4	05/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	79.8	—	—	0.053	mg/L	Y	—	NQ	2018-2526	CAMO-18-153995	GELC
R-33 S2	1112.4	07/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	78.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2018-2879	CAMO-18-159803	GELC
R-33 S2	1112.4	11/06/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	79.6	—	—	0.53	mg/L	Y	—	NQ	N3B-2019-390	CAMO-19-163984	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	77.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	76.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	77.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	01/24/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10	—	—	0.1	mg/L	Y	—	NQ	2018-1557	CAMO-18-150809	GELC
R-33 S2	1112.4	05/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.4	—	—	0.1	mg/L	Y	E	NQ	2018-2526	CAMO-18-153995	GELC
R-33 S2	1112.4	07/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2018-2879	CAMO-18-159803	GELC
R-33 S2	1112.4	11/06/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-390	CAMO-19-163984	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.5	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.8	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.8	—	—	0.1	mg/L	Y	N	NQ	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	05/12/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.57	1.76	5.67	—	pCi/L	Y	U	U	2015-1190	CAMO-15-95780	GELC
R-33 S2	1112.4	08/06/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.0258	1.37	5.16	—	pCi/L	Y	U	U	2015-2084	CAMO-15-102581	GELC
R-33 S2	1112.4	11/12/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	2.02	1.58	6.21	—	pCi/L	Y	U	U	2016-334	CAMO-16-106102	GELC
R-33 S2	1112.4	11/07/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.658	1.61	6.34	—	pCi/L	Y	U	U	2018-787	CAMO-18-148076	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.397	1.47	6.04	—	pCi/L	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	01/24/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	141	—	—	1	µS/cm	Y	—	NQ	2018-1557	CAMO-18-150809	GELC
R-33 S2	1112.4	05/09/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	141	—	—	1	µS/cm	Y	—	NQ	2018-2526	CAMO-18-153995	GELC
R-33 S2	1112.4	07/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	138	—	—	1	µS/cm	Y	—	NQ	N3B-2018-2879	CAMO-18-159803	GELC
R-33 S2	1112.4	11/06/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	139	—	—	1	µS/cm	Y	—	NQ	N3B-2019-390	CAMO-19-163984	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	152	—	—	1	µS/cm	Y	—	NQ	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	140	—	—	1	µS/cm	Y	—	NQ	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	139	—	—	1	µS/cm	Y	—	NQ	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	139	—	—	1	µS/cm	Y	—	NQ	N3B-2019-2431	CAMO-19-181834	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	120	—	—	1	µS/cm	Y	—	NQ	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	01/24/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	41.4	—	—	1	µg/L	Y	—	NQ	2018-1557	CAMO-18-150809	GELC
R-33 S2	1112.4	05/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	47.7	—	—	1	µg/L	Y	—	NQ	2018-2526	CAMO-18-153995	GELC
R-33 S2	1112.4	07/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	47	—	—	1	µg/L	Y	—	NQ	N3B-2018-2879	CAMO-18-159803	GELC
R-33 S2	1112.4	11/06/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	47.6	—	—	1	µg/L	Y	—	NQ	N3B-2019-390	CAMO-19-163984	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	47.7	—	—	1	µg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	45.1	—	—	1	µg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	45.1	—	—	1	µg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	46.6	—	—	1	µg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	44.9	—	—	1	µg/L	Y	—	NQ	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	05/12/2015	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.191	0.116	0.471	—	pCi/L	Y	U	U	2015-1190	CAMO-15-95780	GELC
R-33 S2	1112.4	08/06/2015	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0584	0.133	0.484	—	pCi/L	Y	U	U	2015-2084	CAMO-15-102581	GELC
R-33 S2	1112.4	11/12/2015	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.115	0.127	0.496	—	pCi/L	Y	U	U	2016-334	CAMO-16-106102	GELC
R-33 S2	1112.4	11/07/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0798	0.113	0.449	—	pCi/L	Y	U	U	2018-787	CAMO-18-148076	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0308	0.135	0.493	—	pCi/L	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	01/24/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.3	—	—	0.133	mg/L	Y	—	NQ	2018-1557	CAMO-18-150809	GELC
R-33 S2	1112.4	05/09/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.31	—	—	0.133	mg/L	Y	—	NQ	2018-2526	CAMO-18-153995	GELC
R-33 S2	1112.4	07/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.32	—	—	0.133	mg/L	Y	—	NQ	N3B-2018-2879	CAMO-18-159803	GELC
R-33 S2	1112.4	11/06/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.45	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-390	CAMO-19-163984	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.41	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.19	—	—	0.133	mg/L	Y	—	J-	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.26	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.26	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.19	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	01/24/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-1557	CAMO-18-150809	GELC
R-33 S2	1112.4	01/24/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-1557	CAMO-18-150810	GELC
R-33 S2	1112.4	05/09/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-2526	CAMO-18-153995	GELC
R-33 S2	1112.4	05/09/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-2526	CAMO-18-153996	GELC
R-33 S2	1112.4	07/10/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2018-2879	CAMO-18-159803	GELC
R-33 S2	1112.4	07/10/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2018-2879	CAMO-18-159804	GELC
R-33 S2	1112.4	11/06/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-390	CAMO-19-163984	GELC
R-33 S2	1112.4	11/06/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-390	CAMO-19-163985	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	01/10/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-747	CAMO-19-165969	GELC
R-33 S2	1112.4	05/20/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-1943	CAMO-19-175147	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-2431	CAMO-19-181833	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	07/09/2019	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-2431	CAMO-19-181835	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	05/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	2018-2526	CAMO-18-153995	GELC
R-33 S2	1112.4	07/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2018-2879	CAMO-18-159803	GELC
R-33 S2	1112.4	11/06/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2019-390	CAMO-19-163984	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	8.1	—	—	2.5	µg/L	Y	J	J	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	01/24/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	137	—	—	3.4	mg/L	Y	—	NQ	2018-1557	CAMO-18-150809	GELC
R-33 S2	1112.4	05/09/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	149	—	—	3.4	mg/L	Y	—	NQ	2018-2526	CAMO-18-153995	GELC
R-33 S2	1112.4	07/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	144	—	—	3.4	mg/L	Y	—	NQ	N3B-2018-2879	CAMO-18-159803	GELC
R-33 S2	1112.4	11/06/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	164	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-390	CAMO-19-163984	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	160	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	244	—	—	3.4	mg/L	Y	H	NQ	N3B-2019-1991	CAMO-19-175146	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	146	—	—	3.4	mg/L	Y	—	J+	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	55.7	—	—	3.4	mg/L	Y	—	J+	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	214	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	07/10/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2018-2879	CAMO-18-159804	GELC
R-33 S2	1112.4	11/06/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2019-390	CAMO-19-163985	GELC
R-33 S2	1112.4	01/10/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2019-747	CAMO-19-165969	GELC
R-33 S2	1112.4	05/20/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2019-1991	CAMO-19-175147	GELC
R-33 S2	1112.4	07/09/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.35	—	—	0.33	mg/L	Y	J	J	N3B-2019-2431	CAMO-19-181833	GELC
R-33 S2	1112.4	07/09/2019	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.425	—	—	0.33	mg/L	Y	J	J	N3B-2019-2431	CAMO-19-181835	GELC
R-33 S2	1112.4	01/24/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0283	—	—	0.02	mg/L	Y	J	U	2018-1557	CAMO-18-150809	GELC
R-33 S2	1112.4	05/09/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0353	—	—	0.02	mg/L	Y	J	J	2018-2526	CAMO-18-153995	GELC
R-33 S2	1112.4	07/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0419	—	—	0.02	mg/L	Y	J	U	N3B-2018-2879	CAMO-18-159803	GELC
R-33 S2	1112.4	11/06/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0457	—	—	0.02	mg/L	Y	J	U	N3B-2019-390	CAMO-19-163984	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.028	—	—	0.02	mg/L	Y	J	J	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0345	—	—	0.02	mg/L	Y	J	J	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0764	—	—	0.02	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0728	—	—	0.02	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	06/12/2007	WG	UF	INIT	REG	RAD	Generic:LLEE	Tritium	H-3	N	0.3864	0.2898	0.2898	—	pCi/L	Y	—	U	2351	UU07050G33R201	UMTL
R-33 S2	1112.4	08/30/2007	WG	UF	INIT	REG	RAD	Generic:LLEE	Tritium	H-3	N	-0.1288	0.2898	0.2898	—	pCi/L	Y	—	U	2393	UU07080G33R201	UMTL
R-33 S2	1112.4	11/07/2017	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.308	0.769	2.627	—	pCi/L	Y	U	U	2018-835	CAMO-18-148076	ARSL
R-33 S2	1112.4	11/06/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.872	0.798	2.614	—	pCi/L	Y	U*	U	N3B-2019-418	CAMO-19-163985	ARSL
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.196	0.952	3.211	—	pCi/L	Y	U	U	N3B-2020-282	CAMO-20-189160	ARSL
R-33 S2	1112.4	01/24/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.931	—	—	0.067	µg/L	Y	—	NQ	2018-1557	CAMO-18-150809	GELC
R-33 S2	1112.4	05/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.914	—	—	0.067	µg/L	Y	—	NQ	2018-2526	CAMO-18-153995	GELC
R-33 S2	1112.4	07/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.839	—	—	0.067	µg/L	Y	—	NQ	N3B-2018-2879	CAMO-18-159803	GELC
R-33 S2	1112.4	11/06/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.92	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-390	CAMO-19-163984	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.954	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.853	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.748	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.799	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	1.01	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	05/12/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.635	0.0402	0.0555	—	pCi/L	Y	—	NQ	2015-1190	CAMO-15-95780	GELC
R-33 S2	1112.4	08/06/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.647	0.0348	0.0809	—	pCi/L	Y	—	NQ	2015-2084	CAMO-15-102581	GELC
R-33 S2	1112.4	11/12/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.587	0.0377	0.0749	—	pCi/L	Y	—	NQ	2016-334	CAMO-16-106102	GELC
R-33 S2	1112.4	11/07/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.634	0.0429	0.125	—	pCi/L	Y	—	NQ	2018-787	CAMO-18-148076	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.559	0.0505	0.0852	—	pCi/L	Y	—	NQ	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	05/12/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0211	0.0109	0.0356	—	pCi/L	Y	U	U	2015-1190	CAMO-15-95780	GELC
R-33 S2	1112.4	08/06/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0494	0.0115	0.0537	—	pCi/L	Y	U	U	2015-2084	CAMO-15-102581	GELC
R-33 S2	1112.4	11/12/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00283	0.00634	0.0653	—	pCi/L	Y	U	U	2016-334	CAMO-16-106102	GELC
R-33 S2	1112.4	11/07/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0806	0.0191	0.054	—	pCi/L	Y	—	NQ	2018-787	CAMO-18-148076	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0109	0.0118	0.0615	—	pCi/L	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	05/12/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.324	0.0289	0.0468	—	pCi/L	Y	—	NQ	2015-1190	CAMO-15-95780	GELC
R-33 S2	1112.4	08/06/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.325	0.0246	0.0507	—	pCi/L	Y	—	NQ	2015-2084	CAMO-15-102581	GELC
R-33 S2	1112.4	11/12/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.346	0.0284	0.0739	—	pCi/L	Y	—	NQ	2016-334	CAMO-16-106102	GELC
R-33 S2	1112.4	11/07/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.379	0.0332	0.073	—	pCi/L	Y	—	NQ	2018-787	CAMO-18-148076	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.356	0.0402	0.0996	—	pCi/L	Y	—	NQ	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	01/24/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.88	—	—	1	µg/L	Y	J	J	2018-1557	CAMO-18-150809	GELC
R-33 S2	1112.4	05/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.43	—	—	1	µg/L	Y	—	NQ	2018-2526	CAMO-18-153995	GELC
R-33 S2	1112.4	07/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.22	—	—	1	µg/L	Y	—	NQ	N3B-2018-2879	CAMO-18-159803	GELC
R-33 S2	1112.4	11/06/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.46	—	—	1	µg/L	Y	—	NQ	N3B-2019-390	CAMO-19-163984	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.38	—	—	1	µg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.07	—	—	1	µg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.32	—	—	1	µg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.34	—	—	1	µg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181834	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.84	—	—	1	µg/L	Y	J	J	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	11/06/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2019-390	CAMO-19-163984	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	7.28	—	—	3.3	µg/L	Y	J	U	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	4.5	—	—	3.3	µg/L	Y	J	U	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Zinc	Zn	N	4.11	—	—	3.3	µg/L	Y	J	U	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	3.81	—	—	3.3	µg/L	Y	J	J	N3B-2020-285	CAMO-20-189159	GELC
R-35a	1013.1	07/12/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.09	—	—	0.01	SU	Y	H	NQ	N3B-2018-2919	CASA-18-159861	GELC
R-35a	1013.1	10/31/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.17	—	—	0.01	SU	Y	H	NQ	N3B-2019-315	CASA-19-163704	GELC
R-35a	1013.1	11/16/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.14	—	—	0.01	SU	Y	H	NQ	N3B-2019-491	CASA-19-164020	GELC
R-35a	1013.1	12/18/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.17	—	—	0.01	SU	Y	H	NQ	N3B-2019-699	CASA-19-164844	GELC
R-35a	1013.1	01/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.11	—	—	0.01	SU	Y	H	NQ	N3B-2019-772	CASA-19-166013	GELC
R-35a	1013.1	02/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.14	—	—	0.01	SU	Y	H	NQ	N3B-2019-933	CASA-19-166440	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.05	—	—	0.01	SU	Y	H	NQ	N3B-2019-1209	CASA-19-167688	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.19	—	—	0.01	SU	Y	H	NQ	N3B-2019-1209	CASA-19-167691	GELC
R-35a	1013.1	04/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.17	—	—	0.01	SU	Y	H	NQ	N3B-2019-1398	CASA-19-174803	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.14	—	—	0.01	SU	Y	H	NQ	N3B-2019-1804	CASA-19-175185	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.14	—	—	0.01	SU	Y	H	NQ	N3B-2019-1804	CASA-19-175188	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.17	—	—	0.01	SU	Y	H	NQ	N3B-2019-2165	CASA-19-181664	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.18	—	—	0.01	SU	Y	H	NQ	N3B-2019-2165	CASA-19-181669	GELC
R-35a	1013.1	07/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.2	—	—	0.01	SU	Y	H	NQ	N3B-2019-2610	CASA-19-182101	GELC
R-35a	1013.1	08/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.17	—	—	0.01	SU	Y	H	NQ	N3B-2019-2981	CASA-19-184712	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.18	—	—	0.01	SU	Y	H	NQ	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.22	—	—	0.01	SU	Y	H	NQ	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	07/12/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	107	—	—	1.45	mg/L	Y	—	NQ	N3B-2018-2919	CASA-18-159861	GELC
R-35a	1013.1	10/31/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	107	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-315	CASA-19-163704	GELC
R-35a	1013.1	11/16/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	109	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-491	CASA-19-164020	GELC
R-35a	1013.1	12/18/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	108	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-699	CASA-19-164844	GELC
R-35a	1013.1	01/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	109	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-772	CASA-19-166013	GELC
R-35a	1013.1	02/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	108	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-933	CASA-19-166440	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	108	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-1209	CASA-19-167688	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	108	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-1209	CASA-19-167691	GELC
R-35a	1013.1	04/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	110	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-1398	CASA-19-174803	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	106	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-1804	CASA-19-175185	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	109	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-1804	CASA-19-175188	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	108	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-2165	CASA-19-181664	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	109	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-2165	CASA-19-181669	GELC
R-35a	1013.1	07/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	106	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-2610	CASA-19-182101	GELC
R-35a	1013.1	08/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	109	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-2981	CASA-19-184712	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	108	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	107	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	11/13/2012	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00381	0.00762	0.0217	—	pCi/L	Y	U	U	2013-312	CASA-13-24210	GELC
R-35a	1013.1	11/10/2014	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00658	0.00805	0.0686	—	pCi/L	Y	U	U	2015-264	CASA-15-90250	GELC
R-35a	1013.1	11/09/2015	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00414	0.00586	0.028	—	pCi/L	Y	U	U	2016-299	CASA-16-106241	GELC
R-35a	1013.1	11/06/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00386	0.0061	0.0343	—	pCi/L	Y	U	U	2018-739	CASA-18-148007	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0189	0.00758	0.0424	—	pCi/L	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/16/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.017	mg/L	Y	U	U	N3B-2019-491	CASA-19-164020	GELC
R-35a	1013.1	12/18/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0417	—	—	0.017	mg/L	Y	J	U	N3B-2019-699	CASA-19-164844	GELC
R-35a	1013.1	01/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.017	mg/L	Y	U	U	N3B-2019-772	CASA-19-166013	GELC
R-35a	1013.1	02/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0381	—	—	0.017	mg/L	Y	J	U	N3B-2019-933	CASA-19-166440	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0311	—	—	0.017	mg/L	Y	J	J	N3B-2019-1209	CASA-19-167688	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0207	—	—	0.017	mg/L	Y	J	J	N3B-2019-1209	CASA-19-167691	GELC
R-35a	1013.1	08/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.192	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-2981	CASA-19-184712	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-35a	1013.1	07/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	6.04	—	—	2	µg/L	Y	—	NQ	N3B-2018-2919	CASA-18-159861	GELC
R-35a	1013.1	10/31/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.72	—	—	2	µg/L	Y	J	J	N3B-2019-315	CASA-19-163704	GELC
R-35a	1013.1	11/16/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.21	—	—	2	µg/L	Y	J	J	N3B-2019-491	CASA-19-164020	GELC
R-35a	1013.1	12/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	4.64	—	—	2	µg/L	Y	J	J	N3B-2019-699	CASA-19-164844	GELC
R-35a	1013.1	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.6	—	—	2	µg/L	Y	J	J	N3B-2019-772	CASA-19-166013	GELC
R-35a	1013.1	02/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.82	—	—	2	µg/L	Y	J	J	N3B-2019-933	CASA-19-166440	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.99	—	—	2	µg/L	Y	J	J	N3B-2019-1209	CASA-19-167688	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	Y	3.03	—	—	2	µg/L	Y	J	J	N3B-2019-1209	CASA-19-167691	GELC
R-35a	1013.1	04/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.53	—	—	2	µg/L	Y	J	J	N3B-2019-1398	CASA-19-174803	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.61	—	—	2	µg/L	Y	J	J	N3B-2019-1804	CASA-19-175185	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	Y	3.57	—	—	2	µg/L	Y	J	J	N3B-2019-1804	CASA-19-175188	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	4.86	—	—	2	µg/L	Y	J	J	N3B-2019-2165	CASA-19-181664	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	Y	4.92	—	—	2	µg/L	Y	J	J	N3B-2019-2165	CASA-19-181669	GELC
R-35a	1013.1	07/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.89	—	—	2	µg/L	Y	J	J	N3B-2019-2610	CASA-19-182101	GELC
R-35a	1013.1	08/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.15	—	—	2	µg/L	Y	J	J	N3B-2019-2981	CASA-19-184712	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	3.76	—	—	2	µg/L	Y	J	J	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	07/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	335	—	—	1	µg/L	Y	—	NQ	N3B-2018-2919	CASA-18-159861	GELC
R-35a	1013.1	10/31/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	350	—	—	1	µg/L	Y	—	NQ	N3B-2019-315	CASA-19-163704	GELC
R-35a	1013.1	11/16/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	363	—	—	1	µg/L	Y	—	NQ	N3B-2019-491	CASA-19-164020	GELC
R-35a	1013.1	12/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	322	—	—	1	µg/L	Y	—	NQ	N3B-2019-699	CASA-19-164844	GELC
R-35a	1013.1	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	349	—	—	1	µg/L	Y	—	NQ	N3B-2019-772	CASA-19-166013	GELC
R-35a	1013.1	02/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	348	—	—	1	µg/L	Y	—	NQ	N3B-2019-933	CASA-19-166440	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	352	—	—	1	µg/L	Y	—	NQ	N3B-2019-1209	CASA-19-167688	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	359	—	—	1	µg/L	Y	—	NQ	N3B-2019-1209	CASA-19-167691	GELC
R-35a	1013.1	04/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	332	—	—	1	µg/L	Y	—	NQ	N3B-2019-1398	CASA-19-174803	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	285	—	—	1	µg/L	Y	—	NQ	N3B-2019-1804	CASA-19-175185	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	312	—	—	1	µg/L	Y	—	NQ	N3B-2019-1804	CASA-19-175188	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	347	—	—	1	µg/L	Y	—	NQ	N3B-2019-2165	CASA-19-181664	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	343	—	—	1	µg/L	Y	—	NQ	N3B-2019-2165	CASA-19-181669	GELC
R-35a	1013.1	07/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	348	—	—	1	µg/L	Y	—	NQ	N3B-2019-2610	CASA-19-182101	GELC
R-35a	1013.1	08/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	343	—	—	1	µg/L	Y	—	NQ	N3B-2019-2981	CASA-19-184712	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	332	—	—	1	µg/L	Y	—	NQ	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	365	—	—	1	µg/L	Y	—	NQ	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	07/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	39.1	—	—	15	µg/L	Y	J	J	N3B-2018-2919	CASA-18-159861	GELC
R-35a	1013.1	10/31/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	36.4	—	—	15	µg/L	Y	J	J	N3B-2019-315	CASA-19-163704	GELC
R-35a	1013.1	11/16/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	38.2	—	—	15	µg/L	Y	J	J	N3B-2019-491	CASA-19-164020	GELC
R-35a	1013.1	12/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2019-699	CASA-19-164844	GELC
R-35a	1013.1	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	41.1	—	—	15	µg/L	Y	J	J	N3B-2019-772	CASA-19-166013	GELC
R-35a	1013.1	02/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	37.2	—	—	15	µg/L	Y	J	J	N3B-2019-933	CASA-19-166440	GELC
R-35a	1013.1	04/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	35.8	—	—	15	µg/L	Y	J	J	N3B-2019-1398	CASA-19-174803	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	30.6	—	—	15	µg/L	Y	J	J	N3B-2019-1804	CASA-19-175185	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	Y	32.6	—	—	15	µg/L	Y	J	J	N3B-2019-1804	CASA-19-175188	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	40.5	—	—	15	µg/L	Y	J	J	N3B-2019-2165	CASA-19-181664	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	Y	41.5	—	—	15	µg/L	Y	J	J	N3B-2019-2165	CASA-19-181669	GELC
R-35a	1013.1	07/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	36	—	—	15	µg/L	Y	J	J	N3B-2019-2610	CASA-19-182101	GELC
R-35a	1013.1	08/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	35.6	—	—	15	µg/L	Y	J	J	N3B-2019-2981	CASA-19-184712	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	34.7	—	—	15	µg/L	Y	J	J	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	36.7	—	—	15	µg/L	Y	J	J	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	10/31/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0704	—	—	0.067	mg/L	Y	J	J	N3B-2019-315	CASA-19-163704	GELC
R-35a	1013.1	11/16/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0697	—	—	0.067	mg/L	Y	J	J	N3B-2019-491	CASA-19-164020	GELC
R-35a	1013.1	12/18/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0874	—	—	0.067	mg/L	Y	J	J	N3B-2019-699	CASA-19-164844	GELC
R-35a	1013.1	01/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067	mg/L	Y	U	U	N3B-2019-772	CASA-19-166013	GELC
R-35a	1013.1	02/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0787	—	—	0.067	mg/L	Y	J	J	N3B-2019-933	CASA-19-166440	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-35a	1013.1	07/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	22.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-2919	CASA-18-159861	GELC
R-35a	1013.1	10/31/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	21.9	—	—	0.05	mg/L	Y	—	J+	N3B-2019-315	CASA-19-163704	GELC
R-35a	1013.1	11/16/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	23.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-491	CASA-19-164020	GELC
R-35a	1013.1	12/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	20.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-699	CASA-19-164844	GELC
R-35a	1013.1	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	22.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-772	CASA-19-166013	GELC
R-35a	1013.1	02/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	22.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-933	CASA-19-166440	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	22.9	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1209	CASA-19-167688	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	23	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1209	CASA-19-167691	GELC
R-35a	1013.1	04/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	20.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1398	CASA-19-174803	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	18.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1804	CASA-19-175185	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	20.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1804	CASA-19-175188	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	21.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2165	CASA-19-181664	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	21.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2165	CASA-19-181669	GELC
R-35a	1013.1	07/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	22.9	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2610	CASA-19-182101	GELC
R-35a	1013.1	08/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	21.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2981	CASA-19-184712	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	20.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	22.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	11/13/2012	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.28	1.56	5.25	—	pCi/L	Y	U	U	2013-312	CASA-13-24210	GELC
R-35a	1013.1	11/10/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.26	1.55	4.61	—	pCi/L	Y	U	U	2015-264	CASA-15-90250	GELC
R-35a	1013.1	11/09/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.658	1.3	4.85	—	pCi/L	Y	U	U	2016-299	CASA-16-106241	GELC
R-35a	1013.1	11/06/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.64	0.942	4.08	—	pCi/L	Y	U	U	2018-739	CASA-18-148007	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.478	1.17	3.83	—	pCi/L	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	07/12/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.62	—	—	0.067	mg/L	Y	—	NQ	N3B-2018-2919	CASA-18-159861	GELC
R-35a	1013.1	10/31/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.38	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-315	CASA-19-163704	GELC
R-35a	1013.1	11/16/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.71	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-491	CASA-19-164020	GELC
R-35a	1013.1	12/18/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.6	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-699	CASA-19-164844	GELC
R-35a	1013.1	01/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.42	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-772	CASA-19-166013	GELC
R-35a	1013.1	02/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.42	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-933	CASA-19-166440	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.67	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-1209	CASA-19-167688	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.8	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-1209	CASA-19-167691	GELC
R-35a	1013.1	04/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.34	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-1398	CASA-19-174803	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.38	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-1804	CASA-19-175185	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.41	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-1804	CASA-19-175188	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.64	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-2165	CASA-19-181664	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.52	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-2165	CASA-19-181669	GELC
R-35a	1013.1	07/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	7.18	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-2610	CASA-19-182101	GELC
R-35a	1013.1	08/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.76	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-2981	CASA-19-184712	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.57	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.63	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	07/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.2	—	—	3	µg/L	Y	J	J	N3B-2018-2919	CASA-18-159861	GELC
R-35a	1013.1	10/31/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.42	—	—	3	µg/L	Y	J	J	N3B-2019-315	CASA-19-163704	GELC
R-35a	1013.1	11/16/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.29	—	—	3	µg/L	Y	J	J	N3B-2019-491	CASA-19-164020	GELC
R-35a	1013.1	12/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.9	—	—	3	µg/L	Y	J	J	N3B-2019-699	CASA-19-164844	GELC
R-35a	1013.1	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.39	—	—	3	µg/L	Y	J	J	N3B-2019-772	CASA-19-166013	GELC
R-35a	1013.1	02/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.37	—	—	3	µg/L	Y	J	J	N3B-2019-933	CASA-19-166440	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.19	—	—	3	µg/L	Y	J	J	N3B-2019-1209	CASA-19-167688	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.09	—	—	3	µg/L	Y	J	J	N3B-2019-1209	CASA-19-167691	GELC
R-35a	1013.1	04/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.54	—	—	3	µg/L	Y	J	J	N3B-2019-1398	CASA-19-174803	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.2	—	—	3	µg/L	Y	J	J	N3B-2019-1804	CASA-19-175185	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.24	—	—	3	µg/L	Y	J	J	N3B-2019-1804	CASA-19-175188	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.99	—	—	3	µg/L	Y	J	J	N3B-2019-2165	CASA-19-181664	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.73	—	—	3	µg/L	Y	J	J	N3B-2019-2165	CASA-19-181669	GELC
R-35a	1013.1	07/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.17	—	—	3	µg/L	Y	J	J	N3B-2019-2610	CASA-19-182101	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-35a	1013.1	08/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.69	—	—	3	µg/L	Y	J	J	N3B-2019-2981	CASA-19-184712	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	4.49	—	—	3	µg/L	Y	J	J	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	4.59	—	—	3	µg/L	Y	J	J	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	11/16/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2019-491	CASA-19-164020	GELC
R-35a	1013.1	12/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2019-699	CASA-19-164844	GELC
R-35a	1013.1	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2019-772	CASA-19-166013	GELC
R-35a	1013.1	02/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2019-933	CASA-19-166440	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	Y	2.16	—	—	1	µg/L	Y	J	J	N3B-2019-1209	CASA-19-167688	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Cobalt	Co	Y	1.55	—	—	1	µg/L	Y	J	J	N3B-2019-1209	CASA-19-167691	GELC
R-35a	1013.1	11/13/2012	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.75	1.25	5.3	—	pCi/L	Y	U	U	2013-312	CASA-13-24210	GELC
R-35a	1013.1	11/10/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.02	1.58	5.9	—	pCi/L	Y	U	U	2015-264	CASA-15-90250	GELC
R-35a	1013.1	11/09/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.44	1.36	5.82	—	pCi/L	Y	U	U	2016-299	CASA-16-106241	GELC
R-35a	1013.1	11/06/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.433	0.852	3.79	—	pCi/L	Y	U	U	2018-739	CASA-18-148007	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.68	1.22	4.93	—	pCi/L	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	07/12/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.24	—	—	0.033	mg/L	Y	—	NQ	N3B-2018-2919	CASA-18-159861	GELC
R-35a	1013.1	10/31/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.271	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-315	CASA-19-163704	GELC
R-35a	1013.1	11/16/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.296	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-491	CASA-19-164020	GELC
R-35a	1013.1	12/18/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.266	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-699	CASA-19-164844	GELC
R-35a	1013.1	01/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.337	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-772	CASA-19-166013	GELC
R-35a	1013.1	02/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.303	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-933	CASA-19-166440	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.271	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-1209	CASA-19-167688	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.278	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-1209	CASA-19-167691	GELC
R-35a	1013.1	04/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.298	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-1398	CASA-19-174803	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.611	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-1804	CASA-19-175185	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.612	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-1804	CASA-19-175188	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.568	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2165	CASA-19-181664	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.542	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2165	CASA-19-181669	GELC
R-35a	1013.1	07/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.52	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2610	CASA-19-182101	GELC
R-35a	1013.1	08/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.589	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2981	CASA-19-184712	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.373	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.382	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	11/13/2012	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.22	0.69	2.04	—	pCi/L	Y	U	U	2013-312	CASA-13-24210	GELC
R-35a	1013.1	11/10/2014	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.468	0.459	1.56	—	pCi/L	Y	U	U	2015-264	CASA-15-90250	GELC
R-35a	1013.1	11/09/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.06	0.802	2.74	—	pCi/L	Y	U	U	2016-299	CASA-16-106241	GELC
R-35a	1013.1	11/06/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.165	0.664	2.86	—	pCi/L	Y	U	U	2018-739	CASA-18-148007	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.07	0.804	2.77	—	pCi/L	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/13/2012	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.02	0.808	2.13	—	pCi/L	Y	—	NQ	2013-312	CASA-13-24210	GELC
R-35a	1013.1	11/10/2014	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.345	0.574	1.92	—	pCi/L	Y	U	U	2015-264	CASA-15-90250	GELC
R-35a	1013.1	11/09/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	1.73	0.408	1.27	—	pCi/L	Y	—	NQ	2016-299	CASA-16-106241	GELC
R-35a	1013.1	11/06/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.89	0.932	2.62	—	pCi/L	Y	—	NQ	2018-739	CASA-18-148007	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.53	0.699	2.13	—	pCi/L	Y	—	NQ	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	07/12/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	79	—	—	0.453	mg/L	Y	—	NQ	N3B-2018-2919	CASA-18-159861	GELC
R-35a	1013.1	10/31/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	78.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-315	CASA-19-163704	GELC
R-35a	1013.1	11/16/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	82.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-491	CASA-19-164020	GELC
R-35a	1013.1	12/18/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	72.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-699	CASA-19-164844	GELC
R-35a	1013.1	01/16/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	78.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-772	CASA-19-166013	GELC
R-35a	1013.1	02/15/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	78.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-933	CASA-19-166440	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	80.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-1209	CASA-19-167688	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	81.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-1209	CASA-19-167691	GELC
R-35a	1013.1	04/16/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	73.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-1398	CASA-19-174803	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	64.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-1804	CASA-19-175185	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	71.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-1804	CASA-19-175188	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	79.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2165	CASA-19-181664	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-35a	1013.1	06/10/2019	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	79.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2165	CASA-19-181669	GELC
R-35a	1013.1	07/19/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	80.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2610	CASA-19-182101	GELC
R-35a	1013.1	08/13/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	75.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2981	CASA-19-184712	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	74	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	79.9	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	07/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.75	—	—	0.11	mg/L	Y	—	NQ	N3B-2018-2919	CASA-18-159861	GELC
R-35a	1013.1	10/31/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.7	—	—	0.11	mg/L	Y	—	J+	N3B-2019-315	CASA-19-163704	GELC
R-35a	1013.1	11/16/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.84	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-491	CASA-19-164020	GELC
R-35a	1013.1	12/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.22	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-699	CASA-19-164844	GELC
R-35a	1013.1	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.6	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-772	CASA-19-166013	GELC
R-35a	1013.1	02/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.51	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-933	CASA-19-166440	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.7	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-1209	CASA-19-167688	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.88	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-1209	CASA-19-167691	GELC
R-35a	1013.1	04/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.3	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-1398	CASA-19-174803	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.6	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-1804	CASA-19-175185	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.08	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-1804	CASA-19-175188	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-2165	CASA-19-181664	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.15	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-2165	CASA-19-181669	GELC
R-35a	1013.1	07/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.72	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-2610	CASA-19-182101	GELC
R-35a	1013.1	08/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.47	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-2981	CASA-19-184712	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.39	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.78	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	07/19/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2019-2610	CASA-19-182101	GELC
R-35a	1013.1	07/19/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2019-2610	CASA-19-182102	GELC
R-35a	1013.1	08/13/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2019-2981	CASA-19-184712	GELC
R-35a	1013.1	08/13/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2019-2981	CASA-19-184713	GELC
R-35a	1013.1	09/25/2019	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2019-3549	CASA-19-186489	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	10/16/2019	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2020-124	CASA-20-188132	GELC
R-35a	1013.1	10/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2020-124	CASA-20-188133	GELC
R-35a	1013.1	10/16/2019	WG	UF	INIT	FD	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2020-124	CASA-20-188136	GELC
R-35a	1013.1	10/16/2019	WG	F	INIT	FD	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2020-124	CASA-20-188137	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	Y	0.136	—	—	0.067	µg/L	Y	J	J	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	Y	0.137	—	—	0.067	µg/L	Y	J	J	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	07/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.938	—	—	0.2	µg/L	Y	—	NQ	N3B-2018-2919	CASA-18-159861	GELC
R-35a	1013.1	10/31/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.817	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-315	CASA-19-163704	GELC
R-35a	1013.1	11/16/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-491	CASA-19-164020	GELC
R-35a	1013.1	12/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.08	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-699	CASA-19-164844	GELC
R-35a	1013.1	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.98	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-772	CASA-19-166013	GELC
R-35a	1013.1	02/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.07	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-933	CASA-19-166440	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.988	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-1209	CASA-19-167688	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.952	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-1209	CASA-19-167691	GELC
R-35a	1013.1	04/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.02	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-1398	CASA-19-174803	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-1804	CASA-19-175185	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.964	—	—	0.2	µg/L	Y	J	J	N3B-2019-1804	CASA-19-175188	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.21	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-2165	CASA-19-181664	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.957	—	—	0.2	µg/L	Y	J	J	N3B-2019-2165	CASA-19-181669	GELC
R-35a	1013.1	07/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.23	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-2610	CASA-19-182101	GELC
R-35a	1013.1	08/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.08	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-2981	CASA-19-184712	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	0.972	—	—	0.2	µg/L	Y	J	J	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	11/13/2012	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.15	2.81	9.64	—	pCi/L	Y	U	U	2013-312	CASA-13-24210	GELC
R-35a	1013.1	11/10/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.67	2.99	10.7	—	pCi/L	Y	U	U	2015-264	CASA-15-90250	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-35a	1013.1	11/09/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	3.19	2.91	10.1	—	pCi/L	Y	U	U	2016-299	CASA-16-106241	GELC
R-35a	1013.1	11/06/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.14	1.89	7.02	—	pCi/L	Y	U	U	2018-739	CASA-18-148007	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.36	2.47	7.46	—	pCi/L	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	07/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	4.5	—	—	0.6	µg/L	Y	—	NQ	N3B-2018-2919	CASA-18-159861	GELC
R-35a	1013.1	10/31/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	5.04	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-315	CASA-19-163704	GELC
R-35a	1013.1	11/16/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	8.92	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-491	CASA-19-164020	GELC
R-35a	1013.1	12/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	8.32	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-699	CASA-19-164844	GELC
R-35a	1013.1	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	4.02	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-772	CASA-19-166013	GELC
R-35a	1013.1	02/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	8.6	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-933	CASA-19-166440	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	4.03	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-1209	CASA-19-167688	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	4.25	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-1209	CASA-19-167691	GELC
R-35a	1013.1	04/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	3.46	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-1398	CASA-19-174803	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.49	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-1804	CASA-19-175185	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.62	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-1804	CASA-19-175188	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	4.09	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-2165	CASA-19-181664	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	3.95	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-2165	CASA-19-181669	GELC
R-35a	1013.1	07/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	5.03	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-2610	CASA-19-182101	GELC
R-35a	1013.1	08/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	4.97	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-2981	CASA-19-184712	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	4.07	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	4.6	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	07/12/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.453	—	—	0.017	mg/L	Y	—	NQ	N3B-2018-2919	CASA-18-159861	GELC
R-35a	1013.1	10/31/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.472	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-315	CASA-19-163704	GELC
R-35a	1013.1	11/16/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.457	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-491	CASA-19-164020	GELC
R-35a	1013.1	12/18/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.44	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-699	CASA-19-164844	GELC
R-35a	1013.1	01/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.425	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-772	CASA-19-166013	GELC
R-35a	1013.1	02/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.452	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-933	CASA-19-166440	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.446	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-1209	CASA-19-167688	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.448	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-1209	CASA-19-167691	GELC
R-35a	1013.1	04/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.442	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-1398	CASA-19-174803	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.471	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-1804	CASA-19-175185	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.471	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-1804	CASA-19-175188	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.445	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-2165	CASA-19-181664	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.451	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-2165	CASA-19-181669	GELC
R-35a	1013.1	07/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.444	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-2610	CASA-19-182101	GELC
R-35a	1013.1	08/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.446	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-2981	CASA-19-184712	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.53	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.434	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	07/12/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.414	—	—	0.05	µg/L	Y	—	NQ	N3B-2018-2919	CASA-18-159861	GELC
R-35a	1013.1	10/31/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.46	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-315	CASA-19-163704	GELC
R-35a	1013.1	11/16/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.471	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-491	CASA-19-164020	GELC
R-35a	1013.1	12/18/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.456	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-699	CASA-19-164844	GELC
R-35a	1013.1	01/16/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.475	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-772	CASA-19-166013	GELC
R-35a	1013.1	02/15/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.408	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-933	CASA-19-166440	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.401	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-1209	CASA-19-167688	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.385	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-1209	CASA-19-167691	GELC
R-35a	1013.1	04/16/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.39	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-1398	CASA-19-174803	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.398	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-1804	CASA-19-175185	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.411	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-1804	CASA-19-175188	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.399	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-2165	CASA-19-181664	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.418	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-2165	CASA-19-181669	GELC
R-35a	1013.1	07/19/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.382	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-2610	CASA-19-182101	GELC
R-35a	1013.1	08/13/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.442	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-2981	CASA-19-184712	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.434	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-3549	CASA-19-186490	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.438	—	—	0.05	µg/L	Y	—	J	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	11/13/2012	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00916	0.00857	0.022	—	pCi/L	Y	U	U	2013-312	CASA-13-24210	GELC
R-35a	1013.1	11/10/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.00389	0.0368	—	pCi/L	Y	U	U	2015-264	CASA-15-90250	GELC
R-35a	1013.1	11/09/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0107	0.0103	0.025	—	pCi/L	Y	U	U	2016-299	CASA-16-106241	GELC
R-35a	1013.1	11/06/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00251	0.00973	0.037	—	pCi/L	Y	U	U	2018-739	CASA-18-148007	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00601	0.0112	0.0585	—	pCi/L	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/13/2012	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00687	0.00606	0.0366	—	pCi/L	Y	U	U	2013-312	CASA-13-24210	GELC
R-35a	1013.1	11/10/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00549	0.00673	0.0543	—	pCi/L	Y	U	U	2015-264	CASA-15-90250	GELC
R-35a	1013.1	11/09/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00856	0.00908	0.0481	—	pCi/L	Y	U	U	2016-299	CASA-16-106241	GELC
R-35a	1013.1	11/06/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.01	0.0107	0.0529	—	pCi/L	Y	U	U	2018-739	CASA-18-148007	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00301	0.0131	0.0469	—	pCi/L	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	07/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.73	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-2919	CASA-18-159861	GELC
R-35a	1013.1	10/31/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.74	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-315	CASA-19-163704	GELC
R-35a	1013.1	11/16/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.79	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-491	CASA-19-164020	GELC
R-35a	1013.1	12/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.38	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-699	CASA-19-164844	GELC
R-35a	1013.1	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.66	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-772	CASA-19-166013	GELC
R-35a	1013.1	02/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.79	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-933	CASA-19-166440	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.82	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1209	CASA-19-167688	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	3.86	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1209	CASA-19-167691	GELC
R-35a	1013.1	04/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.61	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1398	CASA-19-174803	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.95	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1804	CASA-19-175185	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	3.28	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1804	CASA-19-175188	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.84	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2165	CASA-19-181664	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	3.82	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2165	CASA-19-181669	GELC
R-35a	1013.1	07/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.74	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2610	CASA-19-182101	GELC
R-35a	1013.1	08/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.74	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2981	CASA-19-184712	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.47	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	4.11	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	11/13/2012	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-15.7	19.5	71.3	—	pCi/L	Y	U	U	2013-312	CASA-13-24210	GELC
R-35a	1013.1	11/10/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-8.84	18.5	68.1	—	pCi/L	Y	U	U	2015-264	CASA-15-90250	GELC
R-35a	1013.1	11/09/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	2.46	16.1	65.8	—	pCi/L	Y	U	U	2016-299	CASA-16-106241	GELC
R-35a	1013.1	11/06/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-12.9	11.4	48.8	—	pCi/L	Y	U	U	2018-739	CASA-18-148007	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	20.3	23.4	40.9	—	pCi/L	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/10/2007	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.428	0.13	0.35	—	pCi/L	Y	—	NQ	08-156	GWR35a-08-8636	GELC
R-35a	1013.1	11/17/2011	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.523	0.16	0.36	—	pCi/L	Y	—	NQ	12-374	CASA-12-1383	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.324	0.0989	0.239	—	pCi/L	Y	—	NQ	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.577	0.236	—	—	pCi/L	Y	—	NQ	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/10/2007	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.175	0.24	0.83	—	pCi/L	Y	U	U	08-156	GWR35a-08-8636	GELC
R-35a	1013.1	11/17/2011	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.0888	0.22	0.77	—	pCi/L	Y	U	U	12-374	CASA-12-1383	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.253	0.214	0.726	—	pCi/L	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	07/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	76.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2018-2919	CASA-18-159861	GELC
R-35a	1013.1	10/31/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	79.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-315	CASA-19-163704	GELC
R-35a	1013.1	11/16/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	83.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-491	CASA-19-164020	GELC
R-35a	1013.1	12/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-699	CASA-19-164844	GELC
R-35a	1013.1	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	81.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-772	CASA-19-166013	GELC
R-35a	1013.1	02/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	81.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-933	CASA-19-166440	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	83.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-1209	CASA-19-167688	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	85	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-1209	CASA-19-167691	GELC
R-35a	1013.1	04/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	77.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-1398	CASA-19-174803	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-1804	CASA-19-175185	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	72.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-1804	CASA-19-175188	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	84.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-2165	CASA-19-181664	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	83.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-2165	CASA-19-181669	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-35a	1013.1	07/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	79.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-2610	CASA-19-182101	GELC
R-35a	1013.1	08/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	75.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-2981	CASA-19-184712	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	75.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	80	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	07/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	16.9	—	—	0.1	mg/L	Y	—	NQ	N3B-2018-2919	CASA-18-159861	GELC
R-35a	1013.1	10/31/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	16.6	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-315	CASA-19-163704	GELC
R-35a	1013.1	11/16/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	16.8	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-491	CASA-19-164020	GELC
R-35a	1013.1	12/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	15.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-699	CASA-19-164844	GELC
R-35a	1013.1	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	16.6	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-772	CASA-19-166013	GELC
R-35a	1013.1	02/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	17.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-933	CASA-19-166440	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	17.6	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-1209	CASA-19-167688	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	17.9	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-1209	CASA-19-167691	GELC
R-35a	1013.1	04/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	15.7	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-1398	CASA-19-174803	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	13.8	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-1804	CASA-19-175185	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	15.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-1804	CASA-19-175188	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	16.9	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-2165	CASA-19-181664	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	16.9	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-2165	CASA-19-181669	GELC
R-35a	1013.1	07/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	16.8	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-2610	CASA-19-182101	GELC
R-35a	1013.1	08/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	15.8	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-2981	CASA-19-184712	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	15.6	—	—	0.1	mg/L	Y	—	J+	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	17	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	11/13/2012	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.18	1.5	5.13	—	pCi/L	Y	U	U	2013-312	CASA-13-24210	GELC
R-35a	1013.1	11/10/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.26	1.42	4.98	—	pCi/L	Y	U	U	2015-264	CASA-15-90250	GELC
R-35a	1013.1	11/09/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.576	1.3	4.52	—	pCi/L	Y	U	U	2016-299	CASA-16-106241	GELC
R-35a	1013.1	11/06/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.46	0.913	2.44	—	pCi/L	Y	U	U	2018-739	CASA-18-148007	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.736	1.14	4.01	—	pCi/L	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	07/12/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	236	—	—	1	µS/cm	Y	—	NQ	N3B-2018-2919	CASA-18-159861	GELC
R-35a	1013.1	10/31/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	236	—	—	1	µS/cm	Y	—	NQ	N3B-2019-315	CASA-19-163704	GELC
R-35a	1013.1	11/16/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	239	—	—	1	µS/cm	Y	—	NQ	N3B-2019-491	CASA-19-164020	GELC
R-35a	1013.1	12/18/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	237	—	—	1	µS/cm	Y	—	NQ	N3B-2019-699	CASA-19-164844	GELC
R-35a	1013.1	01/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	237	—	—	1	µS/cm	Y	—	NQ	N3B-2019-772	CASA-19-166013	GELC
R-35a	1013.1	02/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	238	—	—	1	µS/cm	Y	—	NQ	N3B-2019-933	CASA-19-166440	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	240	—	—	1	µS/cm	Y	—	NQ	N3B-2019-1209	CASA-19-167688	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	243	—	—	1	µS/cm	Y	—	NQ	N3B-2019-1209	CASA-19-167691	GELC
R-35a	1013.1	04/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	242	—	—	1	µS/cm	Y	—	NQ	N3B-2019-1398	CASA-19-174803	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	237	—	—	1	µS/cm	Y	—	NQ	N3B-2019-1804	CASA-19-175185	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	240	—	—	1	µS/cm	Y	—	NQ	N3B-2019-1804	CASA-19-175188	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	241	—	—	1	µS/cm	Y	—	NQ	N3B-2019-2165	CASA-19-181664	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	239	—	—	1	µS/cm	Y	—	NQ	N3B-2019-2165	CASA-19-181669	GELC
R-35a	1013.1	07/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	134	—	—	1	µS/cm	Y	—	NQ	N3B-2019-2610	CASA-19-182101	GELC
R-35a	1013.1	08/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	207	—	—	1	µS/cm	Y	—	NQ	N3B-2019-2981	CASA-19-184712	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	219	—	—	1	µS/cm	Y	—	NQ	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	215	—	—	1	µS/cm	Y	—	NQ	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	07/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	164	—	—	1	µg/L	Y	—	NQ	N3B-2018-2919	CASA-18-159861	GELC
R-35a	1013.1	10/31/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	161	—	—	1	µg/L	Y	—	NQ	N3B-2019-315	CASA-19-163704	GELC
R-35a	1013.1	11/16/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	162	—	—	1	µg/L	Y	—	NQ	N3B-2019-491	CASA-19-164020	GELC
R-35a	1013.1	12/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	155	—	—	1	µg/L	Y	—	NQ	N3B-2019-699	CASA-19-164844	GELC
R-35a	1013.1	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	161	—	—	1	µg/L	Y	—	NQ	N3B-2019-772	CASA-19-166013	GELC
R-35a	1013.1	02/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	163	—	—	1	µg/L	Y	—	NQ	N3B-2019-933	CASA-19-166440	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	165	—	—	1	µg/L	Y	—	NQ	N3B-2019-1209	CASA-19-167688	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	169	—	—	1	µg/L	Y	—	NQ	N3B-2019-1209	CASA-19-167691	GELC
R-35a	1013.1	04/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	158	—	—	1	µg/L	Y	—	NQ	N3B-2019-1398	CASA-19-174803	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	137	—	—	1	µg/L	Y	—	NQ	N3B-2019-1804	CASA-19-175185	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-35a	1013.1	05/07/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	151	—	—	1	µg/L	Y	—	NQ	N3B-2019-1804	CASA-19-175188	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	167	—	—	1	µg/L	Y	—	NQ	N3B-2019-2165	CASA-19-181664	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	167	—	—	1	µg/L	Y	—	NQ	N3B-2019-2165	CASA-19-181669	GELC
R-35a	1013.1	07/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	164	—	—	1	µg/L	Y	—	NQ	N3B-2019-2610	CASA-19-182101	GELC
R-35a	1013.1	08/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	161	—	—	1	µg/L	Y	—	NQ	N3B-2019-2981	CASA-19-184712	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	155	—	—	1	µg/L	Y	—	NQ	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	169	—	—	1	µg/L	Y	—	NQ	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	11/13/2012	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.458	0.154	0.482	—	pCi/L	Y	U	U	2013-312	CASA-13-24210	GELC
R-35a	1013.1	11/10/2014	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.194	0.12	0.481	—	pCi/L	Y	U	U	2015-264	CASA-15-90250	GELC
R-35a	1013.1	11/09/2015	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0963	0.126	0.498	—	pCi/L	Y	U	U	2016-299	CASA-16-106241	GELC
R-35a	1013.1	11/06/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.169	0.108	0.466	—	pCi/L	Y	U	U	2018-739	CASA-18-148007	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.333	0.15	0.482	—	pCi/L	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	07/12/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.66	—	—	0.133	mg/L	Y	—	NQ	N3B-2018-2919	CASA-18-159861	GELC
R-35a	1013.1	10/31/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.51	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-315	CASA-19-163704	GELC
R-35a	1013.1	11/16/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.84	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-491	CASA-19-164020	GELC
R-35a	1013.1	12/18/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.76	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-699	CASA-19-164844	GELC
R-35a	1013.1	01/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.44	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-772	CASA-19-166013	GELC
R-35a	1013.1	02/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.45	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-933	CASA-19-166440	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.23	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-1209	CASA-19-167688	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.21	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-1209	CASA-19-167691	GELC
R-35a	1013.1	04/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.45	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-1398	CASA-19-174803	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.33	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-1804	CASA-19-175185	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.35	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-1804	CASA-19-175188	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.48	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-2165	CASA-19-181664	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.46	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-2165	CASA-19-181669	GELC
R-35a	1013.1	07/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.82	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-2610	CASA-19-182101	GELC
R-35a	1013.1	08/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.63	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-2981	CASA-19-184712	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.56	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.7	—	—	0.133	mg/L	Y	—	J+	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	07/12/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	5	—	—	—	deg C	Y	—	NQ	N3B-2018-2919	CASA-18-159861	GELC
R-35a	1013.1	07/12/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	5	—	—	—	deg C	Y	—	NQ	N3B-2018-2919	CASA-18-159862	GELC
R-35a	1013.1	10/31/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-315	CASA-19-163704	GELC
R-35a	1013.1	10/31/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-315	CASA-19-163705	GELC
R-35a	1013.1	11/16/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-491	CASA-19-164020	GELC
R-35a	1013.1	11/16/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-491	CASA-19-164021	GELC
R-35a	1013.1	12/18/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-699	CASA-19-164844	GELC
R-35a	1013.1	12/18/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-699	CASA-19-164845	GELC
R-35a	1013.1	01/16/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-772	CASA-19-166013	GELC
R-35a	1013.1	01/16/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-772	CASA-19-166014	GELC
R-35a	1013.1	02/15/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-933	CASA-19-166440	GELC
R-35a	1013.1	02/15/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-933	CASA-19-166441	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-1209	CASA-19-167688	GELC
R-35a	1013.1	03/20/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-1209	CASA-19-167689	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-1209	CASA-19-167691	GELC
R-35a	1013.1	03/20/2019	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-1209	CASA-19-167692	GELC
R-35a	1013.1	04/16/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-1398	CASA-19-174802	GELC
R-35a	1013.1	04/16/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-1398	CASA-19-174803	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-1804	CASA-19-175188	GELC
R-35a	1013.1	05/07/2019	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-1804	CASA-19-175189	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-1804	CASA-19-175185	GELC
R-35a	1013.1	05/07/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-1804	CASA-19-175186	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-2165	CASA-19-181664	GELC
R-35a	1013.1	06/10/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-2165	CASA-19-181665	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-35a	1013.1	06/10/2019	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-2165	CASA-19-181669	GELC
R-35a	1013.1	06/10/2019	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-2165	CASA-19-181670	GELC
R-35a	1013.1	07/19/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-2610	CASA-19-182101	GELC
R-35a	1013.1	07/19/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-2610	CASA-19-182102	GELC
R-35a	1013.1	08/13/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-2981	CASA-19-184712	GELC
R-35a	1013.1	08/13/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-2981	CASA-19-184713	GELC
R-35a	1013.1	09/25/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-3549	CASA-19-186489	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	02/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2019-933	CASA-19-166440	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2019-1209	CASA-19-167688	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2019-1209	CASA-19-167691	GELC
R-35a	1013.1	04/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2019-1398	CASA-19-174803	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2019-1804	CASA-19-175185	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2019-1804	CASA-19-175188	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	35.8	—	—	2.5	µg/L	Y	—	J+	N3B-2019-2165	CASA-19-181664	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Tin	Sn	Y	39	—	—	2.5	µg/L	Y	—	J+	N3B-2019-2165	CASA-19-181669	GELC
R-35a	1013.1	07/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	2.52	—	—	2.5	µg/L	Y	J	J	N3B-2019-2610	CASA-19-182101	GELC
R-35a	1013.1	07/12/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	200	—	—	3.4	mg/L	Y	—	NQ	N3B-2018-2919	CASA-18-159861	GELC
R-35a	1013.1	10/31/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	196	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-315	CASA-19-163704	GELC
R-35a	1013.1	11/16/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	187	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-491	CASA-19-164020	GELC
R-35a	1013.1	12/18/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	141	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-699	CASA-19-164844	GELC
R-35a	1013.1	01/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	223	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-772	CASA-19-166013	GELC
R-35a	1013.1	02/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	136	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-933	CASA-19-166440	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	203	—	—	3.4	mg/L	Y	—	J+	N3B-2019-1209	CASA-19-167688	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	199	—	—	3.4	mg/L	Y	—	J+	N3B-2019-1209	CASA-19-167691	GELC
R-35a	1013.1	04/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	209	—	—	3.4	mg/L	Y	—	J+	N3B-2019-1398	CASA-19-174803	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	209	—	—	3.4	mg/L	Y	—	J+	N3B-2019-1804	CASA-19-175185	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	177	—	—	3.4	mg/L	Y	—	J+	N3B-2019-1804	CASA-19-175188	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	233	—	—	3.4	mg/L	Y	—	J+	N3B-2019-2165	CASA-19-181664	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	246	—	—	3.4	mg/L	Y	—	J+	N3B-2019-2165	CASA-19-181669	GELC
R-35a	1013.1	07/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	157	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-2610	CASA-19-182101	GELC
R-35a	1013.1	08/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	156	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-2981	CASA-19-184712	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	199	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	226	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	01/16/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2019-772	CASA-19-166014	GELC
R-35a	1013.1	02/15/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2019-933	CASA-19-166441	GELC
R-35a	1013.1	03/20/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.119	—	—	0.033	mg/L	Y	—	U	N3B-2019-1209	CASA-19-167689	GELC
R-35a	1013.1	03/20/2019	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0756	—	—	0.033	mg/L	Y	J	U	N3B-2019-1209	CASA-19-167692	GELC
R-35a	1013.1	04/16/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2019-1398	CASA-19-174802	GELC
R-35a	1013.1	05/07/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0516	—	—	0.033	mg/L	Y	J	J	N3B-2019-1804	CASA-19-175186	GELC
R-35a	1013.1	05/07/2019	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0699	—	—	0.033	mg/L	Y	J	J	N3B-2019-1804	CASA-19-175189	GELC
R-35a	1013.1	06/10/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.298	—	—	0.033	mg/L	Y	—	J+	N3B-2019-2165	CASA-19-181665	GELC
R-35a	1013.1	06/10/2019	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.34	—	—	0.033	mg/L	Y	—	J+	N3B-2019-2165	CASA-19-181670	GELC
R-35a	1013.1	03/20/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2019-1209	CASA-19-167689	GELC
R-35a	1013.1	03/20/2019	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2019-1209	CASA-19-167692	GELC
R-35a	1013.1	04/16/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2019-1398	CASA-19-174802	GELC
R-35a	1013.1	05/07/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2019-1804	CASA-19-175186	GELC
R-35a	1013.1	05/07/2019	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2019-1804	CASA-19-175189	GELC
R-35a	1013.1	06/10/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2019-2165	CASA-19-181665	GELC
R-35a	1013.1	06/10/2019	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2019-2165	CASA-19-181670	GELC
R-35a	1013.1	07/19/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.387	—	—	0.33	mg/L	Y	J	J	N3B-2019-2610	CASA-19-182102	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-35a	1013.1	08/13/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.383	—	—	0.33	mg/L	Y	J	J	N3B-2019-2981	CASA-19-184713	GELC
R-35a	1013.1	09/25/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.505	—	—	0.33	mg/L	Y	J	J	N3B-2019-3549	CASA-19-186489	GELC
R-35a	1013.1	10/31/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0821	—	—	0.02	mg/L	Y	—	U	N3B-2019-315	CASA-19-163704	GELC
R-35a	1013.1	11/16/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	—	0.02	mg/L	Y	U	U	N3B-2019-491	CASA-19-164020	GELC
R-35a	1013.1	12/18/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0229	—	—	0.02	mg/L	Y	J	U	N3B-2019-699	CASA-19-164844	GELC
R-35a	1013.1	01/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0306	—	—	0.02	mg/L	Y	J	U	N3B-2019-772	CASA-19-166013	GELC
R-35a	1013.1	02/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0238	—	—	0.02	mg/L	Y	J	J	N3B-2019-933	CASA-19-166440	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0494	—	—	0.02	mg/L	Y	J	J	N3B-2019-1209	CASA-19-167688	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0502	—	—	0.02	mg/L	Y	—	NQ	N3B-2019-1209	CASA-19-167691	GELC
R-35a	1013.1	04/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0461	—	—	0.02	mg/L	Y	J	J	N3B-2019-1398	CASA-19-174803	GELC
R-35a	1013.1	11/09/2015	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.41	0.621	2.077	—	pCi/L	Y	U	U	2016-322	CASA-16-106241	ARSL
R-35a	1013.1	11/09/2016	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.874	0.661	2.145	—	pCi/L	Y	U	U	2017-494	CASA-17-127272	ARSL
R-35a	1013.1	11/06/2017	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.286	0.672	2.294	—	pCi/L	Y	U	U	2018-835	CASA-18-148007	ARSL
R-35a	1013.1	11/16/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.364	0.857	2.876	—	pCi/L	Y	U	U	N3B-2019-516	CASA-19-164021	ARSL
R-35a	1013.1	01/16/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.038	0.926	3.03	—	pCi/L	Y	U	U	N3B-2019-773	CASA-19-166014	ARSL
R-35a	1013.1	05/07/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.811	0.872	2.971	—	pCi/L	Y	UQ	U	N3B-2019-1829	CASA-19-175186	ARSL
R-35a	1013.1	05/07/2019	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-1.052	0.856	2.909	—	pCi/L	Y	UQ	U	N3B-2019-1829	CASA-19-175189	ARSL
R-35a	1013.1	07/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.578	—	—	0.067	µg/L	Y	—	NQ	N3B-2018-2919	CASA-18-159861	GELC
R-35a	1013.1	10/31/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.602	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-315	CASA-19-163704	GELC
R-35a	1013.1	11/16/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.586	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-491	CASA-19-164020	GELC
R-35a	1013.1	12/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.613	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-699	CASA-19-164844	GELC
R-35a	1013.1	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.592	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-772	CASA-19-166013	GELC
R-35a	1013.1	02/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.582	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-933	CASA-19-166440	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.617	—	—	0.067	µg/L	Y	—	J+	N3B-2019-1209	CASA-19-167688	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	1.42	—	—	0.067	µg/L	Y	—	J+	N3B-2019-1209	CASA-19-167691	GELC
R-35a	1013.1	04/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.608	—	—	0.067	µg/L	Y	—	J+	N3B-2019-1398	CASA-19-174803	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.562	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-1804	CASA-19-175185	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.569	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-1804	CASA-19-175188	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.591	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-2165	CASA-19-181664	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.567	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-2165	CASA-19-181669	GELC
R-35a	1013.1	07/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.689	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-2610	CASA-19-182101	GELC
R-35a	1013.1	08/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.643	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-2981	CASA-19-184712	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.584	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.604	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	11/13/2012	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.413	0.0351	0.0615	—	pCi/L	Y	—	NQ	2013-312	CASA-13-24210	GELC
R-35a	1013.1	11/10/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.452	0.0351	0.0538	—	pCi/L	Y	—	NQ	2015-264	CASA-15-90250	GELC
R-35a	1013.1	11/09/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.479	0.0343	0.0745	—	pCi/L	Y	—	NQ	2016-299	CASA-16-106241	GELC
R-35a	1013.1	11/06/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.626	0.0418	0.129	—	pCi/L	Y	—	NQ	2018-739	CASA-18-148007	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.55	0.056	0.107	—	pCi/L	Y	—	NQ	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/13/2012	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00983	0.00867	0.0384	—	pCi/L	Y	U	U	2013-312	CASA-13-24210	GELC
R-35a	1013.1	11/10/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00000000108	0.00796	0.0469	—	pCi/L	Y	U	U	2015-264	CASA-15-90250	GELC
R-35a	1013.1	11/09/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0395	0.012	0.065	—	pCi/L	Y	U	U	2016-299	CASA-16-106241	GELC
R-35a	1013.1	11/06/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0321	0.0111	0.0559	—	pCi/L	Y	U	U	2018-739	CASA-18-148007	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0204	0.014	0.0771	—	pCi/L	Y	U	U	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/13/2012	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.202	0.0237	0.0418	—	pCi/L	Y	—	NQ	2013-312	CASA-13-24210	GELC
R-35a	1013.1	11/10/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.244	0.0259	0.0516	—	pCi/L	Y	—	NQ	2015-264	CASA-15-90250	GELC
R-35a	1013.1	11/09/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.196	0.0219	0.0735	—	pCi/L	Y	—	NQ	2016-299	CASA-16-106241	GELC
R-35a	1013.1	11/06/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.229	0.0257	0.0756	—	pCi/L	Y	—	NQ	2018-739	CASA-18-148007	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.261	0.0387	0.125	—	pCi/L	Y	—	NQ	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	07/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	16.8	—	—	1	µg/L	Y	—	NQ	N3B-2018-2919	CASA-18-159861	GELC
R-35a	1013.1	10/31/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	16.4	—	—	1	µg/L	Y	—	NQ	N3B-2019-315	CASA-19-163704	GELC
R-35a	1013.1	11/16/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	16.4	—	—	1	µg/L	Y	—	NQ	N3B-2019-491	CASA-19-164020	GELC
R-35a	1013.1	12/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	15.1	—	—	1	µg/L	Y	—	NQ	N3B-2019-699	CASA-19-164844	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-35a	1013.1	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	16.1	—	—	1	µg/L	Y	—	NQ	N3B-2019-772	CASA-19-166013	GELC
R-35a	1013.1	02/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	15.4	—	—	1	µg/L	Y	—	NQ	N3B-2019-933	CASA-19-166440	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	15.7	—	—	1	µg/L	Y	—	NQ	N3B-2019-1209	CASA-19-167688	GELC
R-35a	1013.1	03/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	15.4	—	—	1	µg/L	Y	—	NQ	N3B-2019-1209	CASA-19-167691	GELC
R-35a	1013.1	04/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	15.8	—	—	1	µg/L	Y	—	NQ	N3B-2019-1398	CASA-19-174803	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	14.1	—	—	1	µg/L	Y	—	NQ	N3B-2019-1804	CASA-19-175185	GELC
R-35a	1013.1	05/07/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	15.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-1804	CASA-19-175188	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	16.7	—	—	1	µg/L	Y	—	NQ	N3B-2019-2165	CASA-19-181664	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	16.9	—	—	1	µg/L	Y	—	NQ	N3B-2019-2165	CASA-19-181669	GELC
R-35a	1013.1	07/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	16.8	—	—	1	µg/L	Y	—	NQ	N3B-2019-2610	CASA-19-182101	GELC
R-35a	1013.1	08/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	16.6	—	—	1	µg/L	Y	—	NQ	N3B-2019-2981	CASA-19-184712	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Vanadium	V	Y	19.2	—	—	3.3	µg/L	Y	J	J	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	17.2	—	—	1	µg/L	Y	—	NQ	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	07/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	10.6	—	—	3.3	µg/L	Y	—	U	N3B-2018-2919	CASA-18-159861	GELC
R-35a	1013.1	10/31/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	84.5	—	—	3.3	µg/L	Y	—	NQ	N3B-2019-315	CASA-19-163704	GELC
R-35a	1013.1	11/16/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	3.72	—	—	3.3	µg/L	Y	J	J	N3B-2019-491	CASA-19-164020	GELC
R-35a	1013.1	12/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2019-699	CASA-19-164844	GELC
R-35a	1013.1	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	3.9	—	—	3.3	µg/L	Y	J	J	N3B-2019-772	CASA-19-166013	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	6.17	—	—	3.3	µg/L	Y	J	J	N3B-2019-2165	CASA-19-181664	GELC
R-35a	1013.1	06/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Zinc	Zn	Y	6.83	—	—	3.3	µg/L	Y	J	J	N3B-2019-2165	CASA-19-181669	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Zinc	Zn	Y	3.61	—	—	3.3	µg/L	Y	J	J	N3B-2019-3549	CASA-19-186490	GELC
R-35b	825.4	07/12/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.81	—	—	0.01	SU	Y	H	NQ	N3B-2018-2919	CASA-18-159863	GELC
R-35b	825.4	11/01/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.87	—	—	0.01	SU	Y	H	NQ	N3B-2019-358	CASA-19-163707	GELC
R-35b	825.4	11/16/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.83	—	—	0.01	SU	Y	H	NQ	N3B-2019-491	CASA-19-164023	GELC
R-35b	825.4	12/18/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.86	—	—	0.01	SU	Y	H	NQ	N3B-2019-699	CASA-19-164847	GELC
R-35b	825.4	12/18/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.91	—	—	0.01	SU	Y	H	NQ	N3B-2019-699	CASA-19-164850	GELC
R-35b	825.4	01/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.88	—	—	0.01	SU	Y	H	NQ	N3B-2019-783	CASA-19-166016	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.9	—	—	0.01	SU	Y	H	NQ	N3B-2019-947	CASA-19-166443	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.89	—	—	0.01	SU	Y	H	NQ	N3B-2019-947	CASA-19-166504	GELC
R-35b	825.4	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.05	—	—	0.01	SU	Y	H	NQ	N3B-2019-1209	CASA-19-167693	GELC
R-35b	825.4	04/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.94	—	—	0.01	SU	Y	H	NQ	N3B-2019-1412	CASA-19-174810	GELC
R-35b	825.4	05/07/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.98	—	—	0.01	SU	Y	H	NQ	N3B-2019-1804	CASA-19-175190	GELC
R-35b	825.4	06/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.99	—	—	0.01	SU	Y	H	NQ	N3B-2019-2198	CASA-19-181672	GELC
R-35b	825.4	07/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.01	—	—	0.01	SU	Y	H	NQ	N3B-2019-2508	CASA-19-182704	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.04	—	—	0.01	SU	Y	H	NQ	N3B-2019-3009	CASA-19-184715	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.03	—	—	0.01	SU	Y	H	NQ	N3B-2019-3009	CASA-19-184718	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.91	—	—	0.01	SU	Y	H	NQ	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.06	—	—	0.01	SU	Y	H	NQ	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	07/12/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	76	—	—	1.45	mg/L	Y	—	NQ	N3B-2018-2919	CASA-18-159863	GELC
R-35b	825.4	11/01/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	77.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-358	CASA-19-163707	GELC
R-35b	825.4	11/16/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	76.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-491	CASA-19-164023	GELC
R-35b	825.4	12/18/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	75.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-699	CASA-19-164847	GELC
R-35b	825.4	12/18/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	76	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-699	CASA-19-164850	GELC
R-35b	825.4	01/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	74.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-783	CASA-19-166016	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	76.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-947	CASA-19-166443	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	75.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-947	CASA-19-166504	GELC
R-35b	825.4	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	76.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-1209	CASA-19-167693	GELC
R-35b	825.4	04/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	74.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-1412	CASA-19-174810	GELC
R-35b	825.4	05/07/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	74.3	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-1804	CASA-19-175190	GELC
R-35b	825.4	06/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	76.3	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-2198	CASA-19-181672	GELC
R-35b	825.4	07/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	74.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182704	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	76.3	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-3009	CASA-19-184715	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	75.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-3009	CASA-19-184718	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-35b	825.4	09/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	74.3	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	75.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	11/14/2012	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0027	0.00603	0.0307	—	pCi/L	Y	U	U	2013-321	CASA-13-24211	GELC
R-35b	825.4	11/06/2014	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00262	0.0131	0.0548	—	pCi/L	Y	U	U	2015-251	CASA-15-90251	GELC
R-35b	825.4	11/06/2015	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00231	0.00611	0.0312	—	pCi/L	Y	U	U	2016-287	CASA-16-106242	GELC
R-35b	825.4	11/06/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0077	0.00667	0.0343	—	pCi/L	Y	U	U	2018-739	CASA-18-148008	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0000000106	0.0165	0.0415	—	pCi/L	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	07/12/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	1.01	—	—	0.017	mg/L	Y	—	J+	N3B-2018-2919	CASA-18-159863	GELC
R-35b	825.4	11/01/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0928	—	—	0.017	mg/L	Y	—	U	N3B-2019-358	CASA-19-163707	GELC
R-35b	825.4	11/16/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0641	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-491	CASA-19-164023	GELC
R-35b	825.4	12/18/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0391	—	—	0.017	mg/L	Y	J	U	N3B-2019-699	CASA-19-164847	GELC
R-35b	825.4	12/18/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.017	mg/L	Y	U	U	N3B-2019-699	CASA-19-164850	GELC
R-35b	825.4	01/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.031	—	—	0.017	mg/L	Y	J	J	N3B-2019-783	CASA-19-166016	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0329	—	—	0.017	mg/L	Y	J	J	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	07/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	5.64	—	—	2	µg/L	Y	—	NQ	N3B-2018-2919	CASA-18-159863	GELC
R-35b	825.4	11/01/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	4.01	—	—	2	µg/L	Y	J	J	N3B-2019-358	CASA-19-163707	GELC
R-35b	825.4	11/16/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.1	—	—	2	µg/L	Y	J	J	N3B-2019-491	CASA-19-164023	GELC
R-35b	825.4	12/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	5.11	—	—	2	µg/L	Y	—	NQ	N3B-2019-699	CASA-19-164847	GELC
R-35b	825.4	12/18/2018	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	Y	4.49	—	—	2	µg/L	Y	J	J	N3B-2019-699	CASA-19-164850	GELC
R-35b	825.4	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.9	—	—	2	µg/L	Y	J	J	N3B-2019-783	CASA-19-166016	GELC
R-35b	825.4	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.41	—	—	2	µg/L	Y	J	J	N3B-2019-1209	CASA-19-167693	GELC
R-35b	825.4	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.8	—	—	2	µg/L	Y	J	J	N3B-2019-1412	CASA-19-174810	GELC
R-35b	825.4	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.34	—	—	2	µg/L	Y	J	J	N3B-2019-1804	CASA-19-175190	GELC
R-35b	825.4	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.08	—	—	2	µg/L	Y	J	J	N3B-2019-2198	CASA-19-181672	GELC
R-35b	825.4	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.49	—	—	2	µg/L	Y	J	J	N3B-2019-2508	CASA-19-182704	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.32	—	—	2	µg/L	Y	J	J	N3B-2019-3009	CASA-19-184715	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	Y	3.17	—	—	2	µg/L	Y	J	J	N3B-2019-3009	CASA-19-184718	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	3.82	—	—	2	µg/L	Y	J	J	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	3.39	—	—	2	µg/L	Y	J	J	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	07/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	37.3	—	—	1	µg/L	Y	—	NQ	N3B-2018-2919	CASA-18-159863	GELC
R-35b	825.4	11/01/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	42.8	—	—	1	µg/L	Y	—	NQ	N3B-2019-358	CASA-19-163707	GELC
R-35b	825.4	11/16/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	37.6	—	—	1	µg/L	Y	—	NQ	N3B-2019-491	CASA-19-164023	GELC
R-35b	825.4	12/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	35.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-699	CASA-19-164847	GELC
R-35b	825.4	12/18/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	32.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-699	CASA-19-164850	GELC
R-35b	825.4	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	37.4	—	—	1	µg/L	Y	—	NQ	N3B-2019-783	CASA-19-166016	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	36.5	—	—	1	µg/L	Y	—	NQ	N3B-2019-947	CASA-19-166443	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	35.6	—	—	1	µg/L	Y	—	NQ	N3B-2019-947	CASA-19-166504	GELC
R-35b	825.4	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	36.4	—	—	1	µg/L	Y	—	NQ	N3B-2019-1209	CASA-19-167693	GELC
R-35b	825.4	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	37	—	—	1	µg/L	Y	—	NQ	N3B-2019-1412	CASA-19-174810	GELC
R-35b	825.4	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	29.1	—	—	1	µg/L	Y	—	NQ	N3B-2019-1804	CASA-19-175190	GELC
R-35b	825.4	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	37.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-2198	CASA-19-181672	GELC
R-35b	825.4	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	36.6	—	—	1	µg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182704	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	35.6	—	—	1	µg/L	Y	—	NQ	N3B-2019-3009	CASA-19-184715	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	36	—	—	1	µg/L	Y	—	NQ	N3B-2019-3009	CASA-19-184718	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	37.3	—	—	1	µg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	36.5	—	—	1	µg/L	Y	—	NQ	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	07/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	24.6	—	—	15	µg/L	Y	J	J	N3B-2018-2919	CASA-18-159863	GELC
R-35b	825.4	11/01/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	22.1	—	—	15	µg/L	Y	J	J	N3B-2019-358	CASA-19-163707	GELC
R-35b	825.4	11/16/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	23.1	—	—	15	µg/L	Y	J	J	N3B-2019-491	CASA-19-164023	GELC
R-35b	825.4	12/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2019-699	CASA-19-164847	GELC
R-35b	825.4	12/18/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2019-699	CASA-19-164850	GELC
R-35b	825.4	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	25.7	—	—	15	µg/L	Y	J	J	N3B-2019-783	CASA-19-166016	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	22.2	—	—	15	µg/L	Y	J	J	N3B-2019-947	CASA-19-166443	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-35b	825.4	02/21/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	Y	21.3	—	—	15	µg/L	Y	J	J	N3B-2019-947	CASA-19-166504	GELC
R-35b	825.4	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	25.2	—	—	15	µg/L	Y	J	J	N3B-2019-1412	CASA-19-174810	GELC
R-35b	825.4	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	18.4	—	—	15	µg/L	Y	J	J	N3B-2019-1804	CASA-19-175190	GELC
R-35b	825.4	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	22.9	—	—	15	µg/L	Y	J	J	N3B-2019-2198	CASA-19-181672	GELC
R-35b	825.4	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	22.4	—	—	15	µg/L	Y	J	J	N3B-2019-2508	CASA-19-182704	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	21.4	—	—	15	µg/L	Y	J	J	N3B-2019-3009	CASA-19-184715	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	Y	21.7	—	—	15	µg/L	Y	J	J	N3B-2019-3009	CASA-19-184718	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	21.5	—	—	15	µg/L	Y	J	J	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	22.9	—	—	15	µg/L	Y	J	J	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	07/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	15.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-2919	CASA-18-159863	GELC
R-35b	825.4	11/01/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-358	CASA-19-163707	GELC
R-35b	825.4	11/16/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-491	CASA-19-164023	GELC
R-35b	825.4	12/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	15	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-699	CASA-19-164847	GELC
R-35b	825.4	12/18/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	13.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-699	CASA-19-164850	GELC
R-35b	825.4	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	15.9	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-783	CASA-19-166016	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-947	CASA-19-166443	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-947	CASA-19-166504	GELC
R-35b	825.4	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1209	CASA-19-167693	GELC
R-35b	825.4	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	15.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1412	CASA-19-174810	GELC
R-35b	825.4	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1804	CASA-19-175190	GELC
R-35b	825.4	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2198	CASA-19-181672	GELC
R-35b	825.4	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182704	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	15.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3009	CASA-19-184715	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	15.9	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3009	CASA-19-184718	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	11/14/2012	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.738	1.56	5.66	—	pCi/L	Y	U	U	2013-321	CASA-13-24211	GELC
R-35b	825.4	11/06/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.81	1.38	5.34	—	pCi/L	Y	U	U	2015-251	CASA-15-90251	GELC
R-35b	825.4	11/06/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.734	1.4	5.05	—	pCi/L	Y	U	U	2016-287	CASA-16-106242	GELC
R-35b	825.4	11/06/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.44	1.74	5.92	—	pCi/L	Y	U	U	2018-739	CASA-18-148008	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.37	0.999	3.34	—	pCi/L	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	07/12/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.88	—	—	0.067	mg/L	Y	—	NQ	N3B-2018-2919	CASA-18-159863	GELC
R-35b	825.4	11/01/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.84	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-358	CASA-19-163707	GELC
R-35b	825.4	11/16/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.93	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-491	CASA-19-164023	GELC
R-35b	825.4	12/18/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.88	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-699	CASA-19-164847	GELC
R-35b	825.4	12/18/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.89	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-699	CASA-19-164850	GELC
R-35b	825.4	01/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.82	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-783	CASA-19-166016	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.12	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-947	CASA-19-166443	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.17	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-947	CASA-19-166504	GELC
R-35b	825.4	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.16	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-1209	CASA-19-167693	GELC
R-35b	825.4	04/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.93	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-1412	CASA-19-174810	GELC
R-35b	825.4	05/07/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.82	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-1804	CASA-19-175190	GELC
R-35b	825.4	06/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.83	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-2198	CASA-19-181672	GELC
R-35b	825.4	07/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.91	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182704	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.99	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-3009	CASA-19-184715	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.99	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-3009	CASA-19-184718	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.95	—	—	0.067	mg/L	Y	—	J+	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.93	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	07/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.48	—	—	3	µg/L	Y	J	J	N3B-2018-2919	CASA-18-159863	GELC
R-35b	825.4	11/01/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.97	—	—	3	µg/L	Y	J	J	N3B-2019-358	CASA-19-163707	GELC
R-35b	825.4	11/16/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.61	—	—	3	µg/L	Y	J	J	N3B-2019-491	CASA-19-164023	GELC
R-35b	825.4	12/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.73	—	—	3	µg/L	Y	J	J	N3B-2019-699	CASA-19-164847	GELC
R-35b	825.4	12/18/2018	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.56	—	—	3	µg/L	Y	J	J	N3B-2019-699	CASA-19-164850	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-35b	825.4	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5	—	—	3	µg/L	Y	J	J	N3B-2019-783	CASA-19-166016	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.69	—	—	3	µg/L	Y	J	J	N3B-2019-947	CASA-19-166443	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.82	—	—	3	µg/L	Y	J	J	N3B-2019-947	CASA-19-166504	GELC
R-35b	825.4	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.7	—	—	3	µg/L	Y	J	J	N3B-2019-1209	CASA-19-167693	GELC
R-35b	825.4	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.98	—	—	3	µg/L	Y	J	J	N3B-2019-1412	CASA-19-174810	GELC
R-35b	825.4	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.56	—	—	3	µg/L	Y	J	J	N3B-2019-1804	CASA-19-175190	GELC
R-35b	825.4	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.32	—	—	3	µg/L	Y	J	J	N3B-2019-2198	CASA-19-181672	GELC
R-35b	825.4	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.71	—	—	3	µg/L	Y	J	J	N3B-2019-2508	CASA-19-182704	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.96	—	—	3	µg/L	Y	J	J	N3B-2019-3009	CASA-19-184715	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.27	—	—	3	µg/L	Y	J	J	N3B-2019-3009	CASA-19-184718	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	5.22	—	—	3	µg/L	Y	J	J	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	5.27	—	—	3	µg/L	Y	J	J	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	11/16/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2019-491	CASA-19-164023	GELC
R-35b	825.4	12/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2019-699	CASA-19-164847	GELC
R-35b	825.4	12/18/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2019-699	CASA-19-164850	GELC
R-35b	825.4	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2019-783	CASA-19-166016	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2019-947	CASA-19-166443	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2019-947	CASA-19-166504	GELC
R-35b	825.4	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	Y	2.06	—	—	1	µg/L	Y	J	J	N3B-2019-1209	CASA-19-167693	GELC
R-35b	825.4	11/14/2012	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.83	1.26	5.41	—	pCi/L	Y	U	U	2013-321	CASA-13-24211	GELC
R-35b	825.4	11/06/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.506	1.35	5.21	—	pCi/L	Y	U	U	2015-251	CASA-15-90251	GELC
R-35b	825.4	11/06/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.85	0.756	4.59	—	pCi/L	Y	U	U	2016-287	CASA-16-106242	GELC
R-35b	825.4	11/06/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-2.65	2.12	6.67	—	pCi/L	Y	U	U	2018-739	CASA-18-148008	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.582	0.888	3.29	—	pCi/L	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	07/12/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.44	—	—	0.033	mg/L	Y	—	NQ	N3B-2018-2919	CASA-18-159863	GELC
R-35b	825.4	11/01/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.523	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-358	CASA-19-163707	GELC
R-35b	825.4	11/16/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.493	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-491	CASA-19-164023	GELC
R-35b	825.4	12/18/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.448	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-699	CASA-19-164847	GELC
R-35b	825.4	12/18/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.453	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-699	CASA-19-164850	GELC
R-35b	825.4	01/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.531	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-783	CASA-19-166016	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.552	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-947	CASA-19-166443	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.6	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-947	CASA-19-166504	GELC
R-35b	825.4	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.463	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-1209	CASA-19-167693	GELC
R-35b	825.4	04/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.455	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-1412	CASA-19-174810	GELC
R-35b	825.4	05/07/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.753	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-1804	CASA-19-175190	GELC
R-35b	825.4	06/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.539	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2198	CASA-19-181672	GELC
R-35b	825.4	07/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.777	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182704	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.767	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-3009	CASA-19-184715	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.766	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-3009	CASA-19-184718	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.577	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.564	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	11/14/2012	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.603	0.59	2.13	—	pCi/L	Y	U	U	2013-321	CASA-13-24211	GELC
R-35b	825.4	11/06/2014	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.09	0.86	2.92	—	pCi/L	Y	U	U	2015-251	CASA-15-90251	GELC
R-35b	825.4	11/06/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.0615	0.714	2.78	—	pCi/L	Y	U	U	2016-287	CASA-16-106242	GELC
R-35b	825.4	11/06/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.08	0.647	2.09	—	pCi/L	Y	U	U	2018-739	CASA-18-148008	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.846	0.783	2.83	—	pCi/L	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/14/2012	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.06	0.724	2.41	—	pCi/L	Y	U	U	2013-321	CASA-13-24211	GELC
R-35b	825.4	11/06/2014	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	-2.25	0.754	2.95	—	pCi/L	Y	U	U	2015-251	CASA-15-90251	GELC
R-35b	825.4	11/06/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.292	0.411	1.36	—	pCi/L	Y	U	U	2016-287	CASA-16-106242	GELC
R-35b	825.4	11/06/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.07	0.857	2.88	—	pCi/L	Y	U	U	2018-739	CASA-18-148008	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.48	0.459	1.38	—	pCi/L	Y	—	NQ	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	07/12/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	58.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2018-2919	CASA-18-159863	GELC
R-35b	825.4	11/01/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	62.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-358	CASA-19-163707	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-35b	825.4	11/16/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	61.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-491	CASA-19-164023	GELC
R-35b	825.4	12/18/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	55.9	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-699	CASA-19-164847	GELC
R-35b	825.4	12/18/2018	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	51.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-699	CASA-19-164850	GELC
R-35b	825.4	01/17/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	61.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-783	CASA-19-166016	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	61.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-947	CASA-19-166443	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	62.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-947	CASA-19-166504	GELC
R-35b	825.4	03/20/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	59.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-1209	CASA-19-167693	GELC
R-35b	825.4	04/17/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	61.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-1412	CASA-19-174810	GELC
R-35b	825.4	05/07/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	45.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-1804	CASA-19-175190	GELC
R-35b	825.4	06/14/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	60	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2198	CASA-19-181672	GELC
R-35b	825.4	07/12/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	60	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182704	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	58.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-3009	CASA-19-184715	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	59.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-3009	CASA-19-184718	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	61.5	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	59.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	07/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.81	—	—	0.11	mg/L	Y	—	NQ	N3B-2018-2919	CASA-18-159863	GELC
R-35b	825.4	11/01/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.01	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-358	CASA-19-163707	GELC
R-35b	825.4	11/16/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.89	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-491	CASA-19-164023	GELC
R-35b	825.4	12/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.48	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-699	CASA-19-164847	GELC
R-35b	825.4	12/18/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.1	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-699	CASA-19-164850	GELC
R-35b	825.4	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.26	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-783	CASA-19-166016	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.05	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-947	CASA-19-166443	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.16	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-947	CASA-19-166504	GELC
R-35b	825.4	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.75	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-1209	CASA-19-167693	GELC
R-35b	825.4	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.34	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-1412	CASA-19-174810	GELC
R-35b	825.4	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.69	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-1804	CASA-19-175190	GELC
R-35b	825.4	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.74	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-2198	CASA-19-181672	GELC
R-35b	825.4	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.56	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182704	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.64	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-3009	CASA-19-184715	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.72	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-3009	CASA-19-184718	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.85	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.66	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	03/20/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2019-1209	CASA-19-167693	GELC
R-35b	825.4	03/20/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2019-1209	CASA-19-167694	GELC
R-35b	825.4	04/17/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2019-1412	CASA-19-174809	GELC
R-35b	825.4	04/17/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2019-1412	CASA-19-174810	GELC
R-35b	825.4	05/07/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2019-1804	CASA-19-175190	GELC
R-35b	825.4	05/07/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2019-1804	CASA-19-175191	GELC
R-35b	825.4	06/14/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2019-2198	CASA-19-181672	GELC
R-35b	825.4	06/14/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2019-2198	CASA-19-181673	GELC
R-35b	825.4	07/12/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	Y	0.092	—	—	0.067	µg/L	Y	J	J	N3B-2019-2508	CASA-19-182704	GELC
R-35b	825.4	07/12/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	Y	0.089	—	—	0.067	µg/L	Y	J	J	N3B-2019-2508	CASA-19-182705	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	Y	0.133	—	—	0.067	µg/L	Y	J	J	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	Y	0.153	—	—	0.067	µg/L	Y	J	J	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	07/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.26	—	—	0.2	µg/L	Y	—	NQ	N3B-2018-2919	CASA-18-159863	GELC
R-35b	825.4	11/01/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.54	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-358	CASA-19-163707	GELC
R-35b	825.4	11/16/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.27	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-491	CASA-19-164023	GELC
R-35b	825.4	12/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.25	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-699	CASA-19-164847	GELC
R-35b	825.4	12/18/2018	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.26	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-699	CASA-19-164850	GELC
R-35b	825.4	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.41	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-783	CASA-19-166016	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.28	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-947	CASA-19-166443	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.25	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-947	CASA-19-166504	GELC
R-35b	825.4	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.28	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-1209	CASA-19-167693	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-35b	825.4	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.2	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-1412	CASA-19-174810	GELC
R-35b	825.4	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.34	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-1804	CASA-19-175190	GELC
R-35b	825.4	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.44	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-2198	CASA-19-181672	GELC
R-35b	825.4	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.28	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182704	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.34	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-3009	CASA-19-184715	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.3	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-3009	CASA-19-184718	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.34	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.27	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	11/14/2012	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.49	3.02	10.4	—	pCi/L	Y	U	U	2013-321	CASA-13-24211	GELC
R-35b	825.4	11/06/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.69	2.62	9.61	—	pCi/L	Y	U	U	2015-251	CASA-15-90251	GELC
R-35b	825.4	11/06/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.78	3.12	10.5	—	pCi/L	Y	U	U	2016-287	CASA-16-106242	GELC
R-35b	825.4	11/06/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	4.81	3.18	11.9	—	pCi/L	Y	U	U	2018-739	CASA-18-148008	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.57	1.94	7.35	—	pCi/L	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	07/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.82	—	—	0.6	µg/L	Y	—	NQ	N3B-2018-2919	CASA-18-159863	GELC
R-35b	825.4	11/01/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	4.56	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-358	CASA-19-163707	GELC
R-35b	825.4	11/16/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.88	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-491	CASA-19-164023	GELC
R-35b	825.4	12/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.61	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-699	CASA-19-164847	GELC
R-35b	825.4	12/18/2018	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.45	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-699	CASA-19-164850	GELC
R-35b	825.4	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.54	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-783	CASA-19-166016	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.35	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-947	CASA-19-166443	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.54	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-947	CASA-19-166504	GELC
R-35b	825.4	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.25	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-1209	CASA-19-167693	GELC
R-35b	825.4	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.89	—	—	0.6	µg/L	Y	J	J	N3B-2019-1412	CASA-19-174810	GELC
R-35b	825.4	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.21	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-1804	CASA-19-175190	GELC
R-35b	825.4	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.19	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-2198	CASA-19-181672	GELC
R-35b	825.4	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.97	—	—	0.6	µg/L	Y	J	J	N3B-2019-2508	CASA-19-182704	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.08	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-3009	CASA-19-184715	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.22	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-3009	CASA-19-184718	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	1.96	—	—	0.6	µg/L	Y	J	J	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	2.47	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	07/12/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.15	—	—	0.017	mg/L	Y	—	NQ	N3B-2018-2919	CASA-18-159863	GELC
R-35b	825.4	11/01/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.25	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-358	CASA-19-163707	GELC
R-35b	825.4	11/16/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.16	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-491	CASA-19-164023	GELC
R-35b	825.4	12/18/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.14	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-699	CASA-19-164847	GELC
R-35b	825.4	12/18/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.14	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-699	CASA-19-164850	GELC
R-35b	825.4	01/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.1	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-783	CASA-19-166016	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.19	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-947	CASA-19-166443	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.17	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-947	CASA-19-166504	GELC
R-35b	825.4	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.34	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-1209	CASA-19-167693	GELC
R-35b	825.4	04/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.15	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-1412	CASA-19-174810	GELC
R-35b	825.4	05/07/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.19	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-1804	CASA-19-175190	GELC
R-35b	825.4	06/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.19	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-2198	CASA-19-181672	GELC
R-35b	825.4	07/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.09	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182704	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.11	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-3009	CASA-19-184715	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.12	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-3009	CASA-19-184718	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.15	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.07	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	07/12/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.55	—	—	0.05	µg/L	Y	—	NQ	N3B-2018-2919	CASA-18-159863	GELC
R-35b	825.4	11/01/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.574	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-358	CASA-19-163707	GELC
R-35b	825.4	11/16/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.607	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-491	CASA-19-164023	GELC
R-35b	825.4	12/18/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.556	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-699	CASA-19-164847	GELC
R-35b	825.4	12/18/2018	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.594	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-699	CASA-19-164850	GELC
R-35b	825.4	01/17/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.615	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-783	CASA-19-166016	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-35b	825.4	02/21/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.534	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-947	CASA-19-166443	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.554	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-947	CASA-19-166504	GELC
R-35b	825.4	03/20/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.499	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-1209	CASA-19-167693	GELC
R-35b	825.4	04/17/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.557	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-1412	CASA-19-174810	GELC
R-35b	825.4	05/07/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.542	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-1804	CASA-19-175190	GELC
R-35b	825.4	06/14/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.557	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-2198	CASA-19-181672	GELC
R-35b	825.4	07/12/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.558	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182704	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.562	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-3009	CASA-19-184715	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.582	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-3009	CASA-19-184718	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.576	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.578	—	—	0.05	µg/L	Y	—	J	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	11/14/2012	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00574	0.00574	0.0276	—	pCi/L	Y	U	U	2013-321	CASA-13-24211	GELC
R-35b	825.4	11/06/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00273	0.00611	0.0367	—	pCi/L	Y	U	U	2015-251	CASA-15-90251	GELC
R-35b	825.4	11/06/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0112	0.0103	0.0262	—	pCi/L	Y	U	U	2016-287	CASA-16-106242	GELC
R-35b	825.4	11/06/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00997	0.012	0.049	—	pCi/L	Y	U	U	2018-739	CASA-18-148008	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.022	0.0169	0.0534	—	pCi/L	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/14/2012	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0115	0.00703	0.0458	—	pCi/L	Y	U	U	2013-321	CASA-13-24211	GELC
R-35b	825.4	11/06/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00273	0.0082	0.0541	—	pCi/L	Y	U	U	2015-251	CASA-15-90251	GELC
R-35b	825.4	11/06/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00672	0.00742	0.0503	—	pCi/L	Y	U	U	2016-287	CASA-16-106242	GELC
R-35b	825.4	11/06/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.00814	0.07	—	pCi/L	Y	U	U	2018-739	CASA-18-148008	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.0194	0.0428	—	pCi/L	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	07/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.91	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-2919	CASA-18-159863	GELC
R-35b	825.4	11/01/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.97	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-358	CASA-19-163707	GELC
R-35b	825.4	11/16/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.89	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-491	CASA-19-164023	GELC
R-35b	825.4	12/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.67	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-699	CASA-19-164847	GELC
R-35b	825.4	12/18/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	1.55	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-699	CASA-19-164850	GELC
R-35b	825.4	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.94	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-783	CASA-19-166016	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.12	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-947	CASA-19-166443	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	2.15	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-947	CASA-19-166504	GELC
R-35b	825.4	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.99	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1209	CASA-19-167693	GELC
R-35b	825.4	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.91	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1412	CASA-19-174810	GELC
R-35b	825.4	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.44	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1804	CASA-19-175190	GELC
R-35b	825.4	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.82	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2198	CASA-19-181672	GELC
R-35b	825.4	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.92	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182704	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.93	—	—	0.05	mg/L	Y	—	J+	N3B-2019-3009	CASA-19-184715	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	1.93	—	—	0.05	mg/L	Y	—	J+	N3B-2019-3009	CASA-19-184718	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.88	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.13	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	11/14/2012	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-23.1	17.2	65.3	—	pCi/L	Y	U	U	2013-321	CASA-13-24211	GELC
R-35b	825.4	11/06/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	32.7	17.1	51	—	pCi/L	Y	U	U	2015-251	CASA-15-90251	GELC
R-35b	825.4	11/06/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	0.41	18.8	75	—	pCi/L	Y	U	U	2016-287	CASA-16-106242	GELC
R-35b	825.4	11/06/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	28.9	22.5	91.7	—	pCi/L	Y	U	U	2018-739	CASA-18-148008	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	12.4	13.8	24.1	—	pCi/L	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/10/2007	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.157	0.1	0.34	—	pCi/L	Y	U	U	08-156	GWR35b-08-8643	GELC
R-35b	825.4	08/12/2008	WG	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	N	0.428	0.16	0.46	—	pCi/L	Y	U	U	08-1662	CASA-08-14465	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.202	0.0744	0.172	—	pCi/L	Y	—	NQ	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.366	0.182	—	—	pCi/L	Y	—	NQ	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/10/2007	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	Y	1.13	0.26	0.51	—	pCi/L	Y	—	NQ	08-156	GWR35b-08-8643	GELC
R-35b	825.4	08/12/2008	WG	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	N	-0.363	0.14	0.61	—	pCi/L	Y	U	U	08-1662	CASA-08-14465	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.164	0.166	0.574	—	pCi/L	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	07/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	69	—	—	0.053	mg/L	Y	—	NQ	N3B-2018-2919	CASA-18-159863	GELC
R-35b	825.4	11/01/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	75.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-358	CASA-19-163707	GELC
R-35b	825.4	11/16/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	76.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-491	CASA-19-164023	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-35b	825.4	12/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	70	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-699	CASA-19-164847	GELC
R-35b	825.4	12/18/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-699	CASA-19-164850	GELC
R-35b	825.4	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	76	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-783	CASA-19-166016	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	78.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-947	CASA-19-166443	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	77.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-947	CASA-19-166504	GELC
R-35b	825.4	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	77.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-1209	CASA-19-167693	GELC
R-35b	825.4	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-1412	CASA-19-174810	GELC
R-35b	825.4	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	59.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-1804	CASA-19-175190	GELC
R-35b	825.4	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	77.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-2198	CASA-19-181672	GELC
R-35b	825.4	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182704	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-3009	CASA-19-184715	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-3009	CASA-19-184718	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	74	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	07/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.8	—	—	0.1	mg/L	Y	—	NQ	N3B-2018-2919	CASA-18-159863	GELC
R-35b	825.4	11/01/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.8	—	—	0.1	mg/L	Y	E	J+	N3B-2019-358	CASA-19-163707	GELC
R-35b	825.4	11/16/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.7	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-491	CASA-19-164023	GELC
R-35b	825.4	12/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-699	CASA-19-164847	GELC
R-35b	825.4	12/18/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.37	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-699	CASA-19-164850	GELC
R-35b	825.4	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.9	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-783	CASA-19-166016	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.5	—	—	0.1	mg/L	Y	—	J+	N3B-2019-947	CASA-19-166443	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.6	—	—	0.1	mg/L	Y	—	J+	N3B-2019-947	CASA-19-166504	GELC
R-35b	825.4	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-1209	CASA-19-167693	GELC
R-35b	825.4	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-1412	CASA-19-174810	GELC
R-35b	825.4	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	8.43	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-1804	CASA-19-175190	GELC
R-35b	825.4	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.7	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-2198	CASA-19-181672	GELC
R-35b	825.4	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.8	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182704	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.6	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-3009	CASA-19-184715	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.7	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-3009	CASA-19-184718	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.8	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	11/14/2012	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.177	1.73	6.46	—	pCi/L	Y	U	U	2013-321	CASA-13-24211	GELC
R-35b	825.4	11/06/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.15	1.31	5.24	—	pCi/L	Y	U	U	2015-251	CASA-15-90251	GELC
R-35b	825.4	11/06/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.85	1.45	4.99	—	pCi/L	Y	U	U	2016-287	CASA-16-106242	GELC
R-35b	825.4	11/06/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.0698	1.73	6.87	—	pCi/L	Y	U	U	2018-739	CASA-18-148008	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.161	0.906	3.36	—	pCi/L	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	07/12/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	167	—	—	1	µS/cm	Y	—	NQ	N3B-2018-2919	CASA-18-159863	GELC
R-35b	825.4	11/01/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	171	—	—	1	µS/cm	Y	—	NQ	N3B-2019-358	CASA-19-163707	GELC
R-35b	825.4	11/16/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	170	—	—	1	µS/cm	Y	—	NQ	N3B-2019-491	CASA-19-164023	GELC
R-35b	825.4	12/18/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	167	—	—	1	µS/cm	Y	—	NQ	N3B-2019-699	CASA-19-164847	GELC
R-35b	825.4	12/18/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	171	—	—	1	µS/cm	Y	—	NQ	N3B-2019-699	CASA-19-164850	GELC
R-35b	825.4	01/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	171	—	—	1	µS/cm	Y	—	NQ	N3B-2019-783	CASA-19-166016	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	170	—	—	1	µS/cm	Y	—	NQ	N3B-2019-947	CASA-19-166443	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	169	—	—	1	µS/cm	Y	—	NQ	N3B-2019-947	CASA-19-166504	GELC
R-35b	825.4	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	171	—	—	1	µS/cm	Y	—	NQ	N3B-2019-1209	CASA-19-167693	GELC
R-35b	825.4	04/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	169	—	—	1	µS/cm	Y	—	NQ	N3B-2019-1412	CASA-19-174810	GELC
R-35b	825.4	05/07/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	177	—	—	1	µS/cm	Y	—	NQ	N3B-2019-1804	CASA-19-175190	GELC
R-35b	825.4	06/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	183	—	—	1	µS/cm	Y	—	NQ	N3B-2019-2198	CASA-19-181672	GELC
R-35b	825.4	07/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	172	—	—	1	µS/cm	Y	—	NQ	N3B-2019-2508	CASA-19-182704	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	146	—	—	1	µS/cm	Y	—	NQ	N3B-2019-3009	CASA-19-184715	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	146	—	—	1	µS/cm	Y	—	NQ	N3B-2019-3009	CASA-19-184718	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	146	—	—	1	µS/cm	Y	—	NQ	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	153	—	—	1	µS/cm	Y	—	NQ	N3B-2020-372	CASA-20-189213	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-35b	825.4	07/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	65.5	—	—	1	µg/L	Y	—	NQ	N3B-2018-2919	CASA-18-159863	GELC
R-35b	825.4	11/01/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	66.8	—	—	1	µg/L	Y	—	NQ	N3B-2019-358	CASA-19-163707	GELC
R-35b	825.4	11/16/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	63.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-491	CASA-19-164023	GELC
R-35b	825.4	12/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	62.3	—	—	1	µg/L	Y	—	NQ	N3B-2019-699	CASA-19-164847	GELC
R-35b	825.4	12/18/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	57.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-699	CASA-19-164850	GELC
R-35b	825.4	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	66.5	—	—	1	µg/L	Y	—	NQ	N3B-2019-783	CASA-19-166016	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	67.6	—	—	1	µg/L	Y	—	NQ	N3B-2019-947	CASA-19-166443	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	67.9	—	—	1	µg/L	Y	—	NQ	N3B-2019-947	CASA-19-166504	GELC
R-35b	825.4	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	64.8	—	—	1	µg/L	Y	—	NQ	N3B-2019-1209	CASA-19-167693	GELC
R-35b	825.4	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	64.7	—	—	1	µg/L	Y	—	NQ	N3B-2019-1412	CASA-19-174810	GELC
R-35b	825.4	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	50.8	—	—	1	µg/L	Y	—	NQ	N3B-2019-1804	CASA-19-175190	GELC
R-35b	825.4	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	62.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-2198	CASA-19-181672	GELC
R-35b	825.4	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	67.9	—	—	1	µg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182704	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	64.5	—	—	1	µg/L	Y	—	NQ	N3B-2019-3009	CASA-19-184715	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	64.6	—	—	1	µg/L	Y	—	NQ	N3B-2019-3009	CASA-19-184718	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	69.5	—	—	1	µg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	66.8	—	—	1	µg/L	Y	—	NQ	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	11/14/2012	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.174	0.113	0.497	—	pCi/L	Y	U	U	2013-321	CASA-13-24211	GELC
R-35b	825.4	11/06/2014	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0734	0.133	0.474	—	pCi/L	Y	U	U	2015-251	CASA-15-90251	GELC
R-35b	825.4	11/06/2015	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0107	0.117	0.458	—	pCi/L	Y	U	U	2016-287	CASA-16-106242	GELC
R-35b	825.4	11/06/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.117	0.114	0.478	—	pCi/L	Y	U	U	2018-739	CASA-18-148008	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.199	0.146	0.485	—	pCi/L	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	07/12/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.67	—	—	0.133	mg/L	Y	—	NQ	N3B-2018-2919	CASA-18-159863	GELC
R-35b	825.4	11/01/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.09	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-358	CASA-19-163707	GELC
R-35b	825.4	11/16/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.76	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-491	CASA-19-164023	GELC
R-35b	825.4	12/18/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.74	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-699	CASA-19-164847	GELC
R-35b	825.4	12/18/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.77	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-699	CASA-19-164850	GELC
R-35b	825.4	01/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.45	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-783	CASA-19-166016	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.97	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-947	CASA-19-166443	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.03	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-947	CASA-19-166504	GELC
R-35b	825.4	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.48	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-1209	CASA-19-167693	GELC
R-35b	825.4	04/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.7	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-1412	CASA-19-174810	GELC
R-35b	825.4	05/07/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.48	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-1804	CASA-19-175190	GELC
R-35b	825.4	06/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.55	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-2198	CASA-19-181672	GELC
R-35b	825.4	07/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182704	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.64	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-3009	CASA-19-184715	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.67	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-3009	CASA-19-184718	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.67	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.65	—	—	0.133	mg/L	Y	—	J+	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	07/12/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	5	—	—	—	deg C	Y	—	NQ	N3B-2018-2919	CASA-18-159863	GELC
R-35b	825.4	07/12/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	5	—	—	—	deg C	Y	—	NQ	N3B-2018-2919	CASA-18-159864	GELC
R-35b	825.4	11/01/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-358	CASA-19-163707	GELC
R-35b	825.4	11/01/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-358	CASA-19-163708	GELC
R-35b	825.4	11/16/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-491	CASA-19-164023	GELC
R-35b	825.4	11/16/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-491	CASA-19-164024	GELC
R-35b	825.4	12/18/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-699	CASA-19-164847	GELC
R-35b	825.4	12/18/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-699	CASA-19-164848	GELC
R-35b	825.4	12/18/2018	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-699	CASA-19-164850	GELC
R-35b	825.4	12/18/2018	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-699	CASA-19-164851	GELC
R-35b	825.4	01/17/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-783	CASA-19-166016	GELC
R-35b	825.4	01/17/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-783	CASA-19-166017	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-947	CASA-19-166443	GELC
R-35b	825.4	02/21/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-947	CASA-19-166444	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-35b	825.4	02/21/2019	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-947	CASA-19-166504	GELC
R-35b	825.4	02/21/2019	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-947	CASA-19-166505	GELC
R-35b	825.4	03/20/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-1209	CASA-19-167693	GELC
R-35b	825.4	03/20/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-1209	CASA-19-167694	GELC
R-35b	825.4	04/17/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-1412	CASA-19-174809	GELC
R-35b	825.4	04/17/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-1412	CASA-19-174810	GELC
R-35b	825.4	05/07/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-1804	CASA-19-175190	GELC
R-35b	825.4	05/07/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-1804	CASA-19-175191	GELC
R-35b	825.4	06/14/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-2198	CASA-19-181672	GELC
R-35b	825.4	06/14/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-2198	CASA-19-181673	GELC
R-35b	825.4	07/12/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-2508	CASA-19-182704	GELC
R-35b	825.4	07/12/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-2508	CASA-19-182705	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-3009	CASA-19-184715	GELC
R-35b	825.4	08/14/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-3009	CASA-19-184716	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-3009	CASA-19-184718	GELC
R-35b	825.4	08/14/2019	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-3009	CASA-19-184719	GELC
R-35b	825.4	09/16/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2019-3294	CASA-19-186507	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	07/12/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	103	—	—	3.4	mg/L	Y	—	NQ	N3B-2018-2919	CASA-18-159863	GELC
R-35b	825.4	11/01/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	176	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-358	CASA-19-163707	GELC
R-35b	825.4	11/16/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	153	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-491	CASA-19-164023	GELC
R-35b	825.4	12/18/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	127	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-699	CASA-19-164847	GELC
R-35b	825.4	12/18/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	129	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-699	CASA-19-164850	GELC
R-35b	825.4	01/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	110	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-783	CASA-19-166016	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	153	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-947	CASA-19-166443	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	179	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-947	CASA-19-166504	GELC
R-35b	825.4	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	153	—	—	3.4	mg/L	Y	—	J+	N3B-2019-1209	CASA-19-167693	GELC
R-35b	825.4	04/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	186	—	—	3.4	mg/L	Y	—	J+	N3B-2019-1412	CASA-19-174810	GELC
R-35b	825.4	05/07/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	207	—	—	3.4	mg/L	Y	—	J+	N3B-2019-1804	CASA-19-175190	GELC
R-35b	825.4	06/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	170	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-2198	CASA-19-181672	GELC
R-35b	825.4	07/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	154	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182704	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	143	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-3009	CASA-19-184715	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	170	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-3009	CASA-19-184718	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	174	—	—	3.4	mg/L	Y	—	J+	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	176	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	11/16/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	—	0.02	mg/L	Y	U	U	N3B-2019-491	CASA-19-164023	GELC
R-35b	825.4	12/18/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0339	—	—	0.02	mg/L	Y	J	U	N3B-2019-699	CASA-19-164847	GELC
R-35b	825.4	12/18/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0293	—	—	0.02	mg/L	Y	J	U	N3B-2019-699	CASA-19-164850	GELC
R-35b	825.4	01/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	—	0.02	mg/L	Y	U	U	N3B-2019-783	CASA-19-166016	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0573	—	—	0.02	mg/L	Y	—	U	N3B-2019-947	CASA-19-166443	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0435	—	—	0.02	mg/L	Y	J	U	N3B-2019-947	CASA-19-166504	GELC
R-35b	825.4	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.06	—	—	0.02	mg/L	Y	—	NQ	N3B-2019-1209	CASA-19-167693	GELC
R-35b	825.4	04/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0516	—	—	0.02	mg/L	Y	—	NQ	N3B-2019-1412	CASA-19-174810	GELC
R-35b	825.4	07/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0641	—	—	0.02	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182704	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0869	—	—	0.02	mg/L	Y	—	NQ	N3B-2019-3009	CASA-19-184715	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.078	—	—	0.02	mg/L	Y	—	NQ	N3B-2019-3009	CASA-19-184718	GELC
R-35b	825.4	11/06/2015	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.894	0.641	2.072	—	pCi/L	Y	U	U	2016-322	CASA-16-106242	ARSL
R-35b	825.4	11/09/2016	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.167	0.608	1.9	—	pCi/L	Y	U	U	2017-494	CASA-17-127273	ARSL
R-35b	825.4	11/06/2017	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-1.574	0.792	2.671	—	pCi/L	Y	U	U	2018-835	CASA-18-148008	ARSL
R-35b	825.4	11/16/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.471	0.962	3.222	—	pCi/L	Y	U	U	N3B-2019-516	CASA-19-164024	ARSL
R-35b	825.4	01/17/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.068	0.962	3.149	—	pCi/L	Y	U	U	N3B-2019-836	CASA-19-166017	ARSL

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-35b	825.4	05/07/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.114	0.763	2.574	—	pCi/L	Y	UQ	U	N3B-2019-1829	CASA-19-175191	ARSL
R-35b	825.4	07/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.288	—	—	0.067	µg/L	Y	—	NQ	N3B-2018-2919	CASA-18-159863	GELC
R-35b	825.4	11/01/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.448	—	—	0.067	µg/L	Y	—	J+	N3B-2019-358	CASA-19-163707	GELC
R-35b	825.4	11/16/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.28	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-491	CASA-19-164023	GELC
R-35b	825.4	12/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.297	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-699	CASA-19-164847	GELC
R-35b	825.4	12/18/2018	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.294	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-699	CASA-19-164850	GELC
R-35b	825.4	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.381	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-783	CASA-19-166016	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.279	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-947	CASA-19-166443	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.283	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-947	CASA-19-166504	GELC
R-35b	825.4	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.278	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-1412	CASA-19-174810	GELC
R-35b	825.4	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.294	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-1804	CASA-19-175190	GELC
R-35b	825.4	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.315	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-2198	CASA-19-181672	GELC
R-35b	825.4	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.271	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182704	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.29	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-3009	CASA-19-184715	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.301	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-3009	CASA-19-184718	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.247	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.288	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	11/14/2012	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.186	0.0279	0.0693	—	pCi/L	Y	—	NQ	2013-321	CASA-13-24211	GELC
R-35b	825.4	11/06/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.244	0.0368	0.0818	—	pCi/L	Y	—	NQ	2015-251	CASA-15-90251	GELC
R-35b	825.4	11/06/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.229	0.022	0.0644	—	pCi/L	Y	—	NQ	2016-287	CASA-16-106242	GELC
R-35b	825.4	11/06/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.291	0.0307	0.142	—	pCi/L	Y	—	NQ	2018-739	CASA-18-148008	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.205	0.0325	0.0892	—	pCi/L	Y	—	NQ	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/14/2012	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0148	0.0104	0.0433	—	pCi/L	Y	U	U	2013-321	CASA-13-24211	GELC
R-35b	825.4	11/06/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.0247	0.0148	0.0712	—	pCi/L	Y	U	U	2015-251	CASA-15-90251	GELC
R-35b	825.4	11/06/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0195	0.00845	0.0562	—	pCi/L	Y	U	U	2016-287	CASA-16-106242	GELC
R-35b	825.4	11/06/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0353	0.0141	0.0614	—	pCi/L	Y	U	U	2018-739	CASA-18-148008	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0142	0.0121	0.0643	—	pCi/L	Y	U	U	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/14/2012	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.128	0.0205	0.0471	—	pCi/L	Y	—	NQ	2013-321	CASA-13-24211	GELC
R-35b	825.4	11/06/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.116	0.0256	0.0783	—	pCi/L	Y	—	NQ	2015-251	CASA-15-90251	GELC
R-35b	825.4	11/06/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.13	0.017	0.0636	—	pCi/L	Y	—	NQ	2016-287	CASA-16-106242	GELC
R-35b	825.4	11/06/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.157	0.0223	0.0831	—	pCi/L	Y	—	NQ	2018-739	CASA-18-148008	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.11	0.0231	0.104	—	pCi/L	Y	—	NQ	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	07/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	12.9	—	—	1	µg/L	Y	—	NQ	N3B-2018-2919	CASA-18-159863	GELC
R-35b	825.4	11/01/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	17.4	—	—	1	µg/L	Y	—	NQ	N3B-2019-358	CASA-19-163707	GELC
R-35b	825.4	11/16/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	12.6	—	—	1	µg/L	Y	—	NQ	N3B-2019-491	CASA-19-164023	GELC
R-35b	825.4	12/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	12	—	—	1	µg/L	Y	—	NQ	N3B-2019-699	CASA-19-164847	GELC
R-35b	825.4	12/18/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	11.1	—	—	1	µg/L	Y	—	NQ	N3B-2019-699	CASA-19-164850	GELC
R-35b	825.4	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	13.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-783	CASA-19-166016	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	12.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-947	CASA-19-166443	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	12	—	—	1	µg/L	Y	—	NQ	N3B-2019-947	CASA-19-166504	GELC
R-35b	825.4	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	12.5	—	—	1	µg/L	Y	—	NQ	N3B-2019-1209	CASA-19-167693	GELC
R-35b	825.4	04/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	13.3	—	—	1	µg/L	Y	—	NQ	N3B-2019-1412	CASA-19-174810	GELC
R-35b	825.4	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	10.5	—	—	1	µg/L	Y	—	NQ	N3B-2019-1804	CASA-19-175190	GELC
R-35b	825.4	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	13.1	—	—	1	µg/L	Y	—	NQ	N3B-2019-2198	CASA-19-181672	GELC
R-35b	825.4	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	12.8	—	—	1	µg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182704	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	12.6	—	—	1	µg/L	Y	—	NQ	N3B-2019-3009	CASA-19-184715	GELC
R-35b	825.4	08/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	12.6	—	—	1	µg/L	Y	—	NQ	N3B-2019-3009	CASA-19-184718	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	12.5	—	—	1	µg/L	Y	—	NQ	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	07/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	17.5	—	—	3.3	µg/L	Y	—	U	N3B-2018-2919	CASA-18-159863	GELC
R-35b	825.4	11/01/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	15.4	—	—	3.3	µg/L	Y	—	NQ	N3B-2019-358	CASA-19-163707	GELC
R-35b	825.4	11/16/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	11.4	—	—	3.3	µg/L	Y	—	NQ	N3B-2019-491	CASA-19-164023	GELC
R-35b	825.4	12/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	9.54	—	—	3.3	µg/L	Y	J	J	N3B-2019-699	CASA-19-164847	GELC
R-35b	825.4	12/18/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Zinc	Zn	Y	8.04	—	—	3.3	µg/L	Y	J	J	N3B-2019-699	CASA-19-164850	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-35b	825.4	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	8.65	—	—	3.3	µg/L	Y	J	J	N3B-2019-783	CASA-19-166016	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	7.87	—	—	3.3	µg/L	Y	J	J	N3B-2019-947	CASA-19-166443	GELC
R-35b	825.4	02/21/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Zinc	Zn	Y	6.86	—	—	3.3	µg/L	Y	J	J	N3B-2019-947	CASA-19-166504	GELC
R-35b	825.4	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	5.83	—	—	3.3	µg/L	Y	J	J	N3B-2019-1209	CASA-19-167693	GELC
R-35b	825.4	05/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	3.75	—	—	3.3	µg/L	Y	J	J	N3B-2019-1804	CASA-19-175190	GELC
R-35b	825.4	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	8.02	—	—	3.3	µg/L	Y	J	J	N3B-2019-2508	CASA-19-182704	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Zinc	Zn	Y	8.5	—	—	3.3	µg/L	Y	J	J	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	6.62	—	—	3.3	µg/L	Y	J	J	N3B-2020-372	CASA-20-189213	GELC
R-36	766.9	11/06/2014	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3	µg/L	Y	U	U	2015-251	CASA-15-90252	GELC
R-36	766.9	11/17/2015	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3	µg/L	Y	UH	UJ	2016-364	CASA-16-106243	GELC
R-36	766.9	11/10/2016	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	1.5	µg/L	Y	U	U	2017-443	CASA-17-127274	GELC
R-36	766.9	11/10/2016	WG	UF	INIT	FD	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	1.5	µg/L	Y	U	U	2017-443	CASA-17-127267	GELC
R-36	766.9	11/06/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	—	1.5	µg/L	Y	U	U	2018-739	CASA-18-147999	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	2.42	—	—	1.5	µg/L	Y	J	R	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	01/09/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.61	—	—	0.01	SU	Y	H	NQ	2018-1408	CASA-18-150815	GELC
R-36	766.9	05/11/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.64	—	—	0.01	SU	Y	H	NQ	2018-2544	CASA-18-154770	GELC
R-36	766.9	07/11/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.62	—	—	0.01	SU	Y	H	NQ	N3B-2018-2905	CASA-18-159865	GELC
R-36	766.9	07/11/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.62	—	—	0.01	SU	Y	H	NQ	N3B-2018-2905	CASA-18-159869	GELC
R-36	766.9	11/14/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.63	—	—	0.01	SU	Y	H	NQ	N3B-2019-477	CASA-19-164026	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.62	—	—	0.01	SU	Y	H	NQ	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.65	—	—	0.01	SU	Y	H	NQ	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.61	—	—	0.01	SU	Y	H	NQ	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.58	—	—	0.01	SU	Y	H	NQ	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	01/09/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	71.6	—	—	1.45	mg/L	Y	—	NQ	2018-1408	CASA-18-150815	GELC
R-36	766.9	05/11/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	69.6	—	—	1.45	mg/L	Y	—	NQ	2018-2544	CASA-18-154770	GELC
R-36	766.9	07/11/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	68.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2018-2905	CASA-18-159865	GELC
R-36	766.9	07/11/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	69.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2018-2905	CASA-18-159869	GELC
R-36	766.9	11/14/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	71.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-477	CASA-19-164026	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	69.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	71.1	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	69.5	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	68.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	11/14/2012	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00241	0.0054	0.0275	—	pCi/L	Y	U	U	2013-322	CASA-13-24212	GELC
R-36	766.9	11/14/2012	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.009	0.00712	0.0256	—	pCi/L	Y	U	U	2013-322	CASA-13-24206	GELC
R-36	766.9	11/06/2014	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.0061	0.0451	—	pCi/L	Y	U	U	2015-251	CASA-15-90252	GELC
R-36	766.9	11/17/2015	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00373	0.00645	0.0252	—	pCi/L	Y	U	U	2016-364	CASA-16-106243	GELC
R-36	766.9	11/06/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0035	0.00743	0.0311	—	pCi/L	Y	U	U	2018-739	CASA-18-147999	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00711	0.00918	0.0475	—	pCi/L	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	01/09/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0352	—	—	0.017	mg/L	Y	J	U	2018-1408	CASA-18-150815	GELC
R-36	766.9	05/11/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.017	mg/L	Y	U	U	2018-2544	CASA-18-154770	GELC
R-36	766.9	07/11/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0581	—	—	0.017	mg/L	Y	—	U	N3B-2018-2905	CASA-18-159865	GELC
R-36	766.9	07/11/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.031	—	—	0.017	mg/L	Y	J	U	N3B-2018-2905	CASA-18-159869	GELC
R-36	766.9	11/14/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0276	—	—	0.017	mg/L	Y	J	U	N3B-2019-477	CASA-19-164026	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0304	—	—	0.017	mg/L	Y	J	J	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0309	—	—	0.017	mg/L	Y	J	J	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	01/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.57	—	—	2	µg/L	Y	J	J	2018-1408	CASA-18-150815	GELC
R-36	766.9	05/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.91	—	—	2	µg/L	Y	J	J	2018-2544	CASA-18-154770	GELC
R-36	766.9	07/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.07	—	—	2	µg/L	Y	J	J	N3B-2018-2905	CASA-18-159865	GELC
R-36	766.9	07/11/2018	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	Y	2.74	—	—	2	µg/L	Y	J	J	N3B-2018-2905	CASA-18-159869	GELC
R-36	766.9	11/14/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	5.13	—	—	2	µg/L	Y	—	NQ	N3B-2019-477	CASA-19-164026	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.16	—	—	2	µg/L	Y	J	J	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.18	—	—	2	µg/L	Y	J	J	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.56	—	—	2	µg/L	Y	J	J	N3B-2019-2508	CASA-19-182707	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-36	766.9	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	3.35	—	—	2	µg/L	Y	J	J	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	01/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	32.6	—	—	1	µg/L	Y	—	NQ	2018-1408	CASA-18-150815	GELC
R-36	766.9	05/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	31.6	—	—	1	µg/L	Y	—	NQ	2018-2544	CASA-18-154770	GELC
R-36	766.9	07/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	31.3	—	—	1	µg/L	Y	—	NQ	N3B-2018-2905	CASA-18-159865	GELC
R-36	766.9	07/11/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	31.7	—	—	1	µg/L	Y	—	NQ	N3B-2018-2905	CASA-18-159869	GELC
R-36	766.9	11/14/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	34	—	—	1	µg/L	Y	—	NQ	N3B-2019-477	CASA-19-164026	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	31.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	31.3	—	—	1	µg/L	Y	—	NQ	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	33.4	—	—	1	µg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	31.9	—	—	1	µg/L	Y	—	NQ	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	01/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	23.7	—	—	15	µg/L	Y	J	J	2018-1408	CASA-18-150815	GELC
R-36	766.9	05/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	2018-2544	CASA-18-154770	GELC
R-36	766.9	07/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	23.3	—	—	15	µg/L	Y	J	J	N3B-2018-2905	CASA-18-159865	GELC
R-36	766.9	07/11/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	Y	24.3	—	—	15	µg/L	Y	J	J	N3B-2018-2905	CASA-18-159869	GELC
R-36	766.9	11/14/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	24.7	—	—	15	µg/L	Y	J	J	N3B-2019-477	CASA-19-164026	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	22.7	—	—	15	µg/L	Y	J	J	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	28	—	—	15	µg/L	Y	J	J	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	24.1	—	—	15	µg/L	Y	J	J	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	22	—	—	15	µg/L	Y	J	J	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	01/09/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.108	—	—	0.067	mg/L	Y	J	J	2018-1408	CASA-18-150815	GELC
R-36	766.9	05/11/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0834	—	—	0.067	mg/L	Y	J	J	2018-2544	CASA-18-154770	GELC
R-36	766.9	07/11/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0957	—	—	0.067	mg/L	Y	J	J	N3B-2018-2905	CASA-18-159865	GELC
R-36	766.9	07/11/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0896	—	—	0.067	mg/L	Y	J	J	N3B-2018-2905	CASA-18-159869	GELC
R-36	766.9	11/14/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.106	—	—	0.067	mg/L	Y	J	J	N3B-2019-477	CASA-19-164026	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0863	—	—	0.067	mg/L	Y	J	J	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	01/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	18.4	—	—	0.05	mg/L	Y	—	NQ	2018-1408	CASA-18-150815	GELC
R-36	766.9	05/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16.8	—	—	0.05	mg/L	Y	—	NQ	2018-2544	CASA-18-154770	GELC
R-36	766.9	07/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-2905	CASA-18-159865	GELC
R-36	766.9	07/11/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-2905	CASA-18-159869	GELC
R-36	766.9	11/14/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-477	CASA-19-164026	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	11/14/2012	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.667	1.26	5.07	—	pCi/L	Y	U	U	2013-322	CASA-13-24212	GELC
R-36	766.9	11/14/2012	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.04	1.42	5.54	—	pCi/L	Y	U	U	2013-322	CASA-13-24206	GELC
R-36	766.9	11/06/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.26	1.51	4.6	—	pCi/L	Y	U	U	2015-251	CASA-15-90252	GELC
R-36	766.9	11/17/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.04	1.33	4.79	—	pCi/L	Y	U	U	2016-364	CASA-16-106243	GELC
R-36	766.9	11/06/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.437	1.06	3.73	—	pCi/L	Y	U	U	2018-739	CASA-18-147999	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.908	1.56	5.86	—	pCi/L	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	01/09/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.83	—	—	0.067	mg/L	Y	—	NQ	2018-1408	CASA-18-150815	GELC
R-36	766.9	05/11/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.11	—	—	0.067	mg/L	Y	—	NQ	2018-2544	CASA-18-154770	GELC
R-36	766.9	07/11/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.39	—	—	0.067	mg/L	Y	—	NQ	N3B-2018-2905	CASA-18-159865	GELC
R-36	766.9	07/11/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.38	—	—	0.067	mg/L	Y	—	NQ	N3B-2018-2905	CASA-18-159869	GELC
R-36	766.9	11/14/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.36	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-477	CASA-19-164026	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.18	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.26	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.42	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.12	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	01/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.95	—	—	3	µg/L	Y	J	J	2018-1408	CASA-18-150815	GELC
R-36	766.9	05/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.36	—	—	3	µg/L	Y	J	J	2018-2544	CASA-18-154770	GELC
R-36	766.9	07/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.74	—	—	3	µg/L	Y	J	J	N3B-2018-2905	CASA-18-159865	GELC
R-36	766.9	07/11/2018	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.25	—	—	3	µg/L	Y	J	J	N3B-2018-2905	CASA-18-159869	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-36	766.9	11/14/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.45	—	—	3	µg/L	Y	J	J	N3B-2019-477	CASA-19-164026	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.59	—	—	3	µg/L	Y	J	J	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.38	—	—	3	µg/L	Y	J	J	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.57	—	—	3	µg/L	Y	J	J	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	5.32	—	—	3	µg/L	Y	J	J	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	11/14/2012	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.571	1.09	4.32	—	pCi/L	Y	U	U	2013-322	CASA-13-24212	GELC
R-36	766.9	11/14/2012	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-3.89	1.59	4.74	—	pCi/L	Y	U	U	2013-322	CASA-13-24206	GELC
R-36	766.9	11/06/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.78	1.3	4.56	—	pCi/L	Y	U	U	2015-251	CASA-15-90252	GELC
R-36	766.9	11/17/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.33	0.98	4.69	—	pCi/L	Y	U	U	2016-364	CASA-16-106243	GELC
R-36	766.9	11/06/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.42	0.997	4.57	—	pCi/L	Y	U	U	2018-739	CASA-18-147999	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.411	1.64	5.86	—	pCi/L	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	01/09/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.478	—	—	0.033	mg/L	Y	—	NQ	2018-1408	CASA-18-150815	GELC
R-36	766.9	05/11/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.525	—	—	0.033	mg/L	Y	—	NQ	2018-2544	CASA-18-154770	GELC
R-36	766.9	07/11/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.583	—	—	0.033	mg/L	Y	—	NQ	N3B-2018-2905	CASA-18-159865	GELC
R-36	766.9	07/11/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.574	—	—	0.033	mg/L	Y	—	NQ	N3B-2018-2905	CASA-18-159869	GELC
R-36	766.9	11/14/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.524	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-477	CASA-19-164026	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.556	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.781	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.788	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.739	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	11/14/2012	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.123	0.474	2.22	—	pCi/L	Y	U	U	2013-322	CASA-13-24212	GELC
R-36	766.9	11/14/2012	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	0.302	0.484	2.09	—	pCi/L	Y	U	U	2013-322	CASA-13-24206	GELC
R-36	766.9	11/06/2014	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.107	0.683	2.81	—	pCi/L	Y	U	U	2015-251	CASA-15-90252	GELC
R-36	766.9	11/17/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.76	0.898	2.82	—	pCi/L	Y	U	U	2016-364	CASA-16-106243	GELC
R-36	766.9	11/06/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.672	0.647	2.34	—	pCi/L	Y	U	U	2018-739	CASA-18-147999	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	3.33	1.13	2.7	—	pCi/L	Y	—	NQ	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/14/2012	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.13	0.772	2.59	—	pCi/L	Y	U	U	2013-322	CASA-13-24212	GELC
R-36	766.9	11/14/2012	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	1.97	0.767	2.32	—	pCi/L	Y	U	U	2013-322	CASA-13-24206	GELC
R-36	766.9	11/06/2014	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.07	0.624	1.97	—	pCi/L	Y	U	U	2015-251	CASA-15-90252	GELC
R-36	766.9	11/17/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.75	1.05	2.87	—	pCi/L	Y	—	NQ	2016-364	CASA-16-106243	GELC
R-36	766.9	11/06/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.19	0.574	1.82	—	pCi/L	Y	U	U	2018-739	CASA-18-147999	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	-0.164	0.468	1.75	—	pCi/L	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	01/09/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	63.8	—	—	0.453	mg/L	Y	—	NQ	2018-1408	CASA-18-150815	GELC
R-36	766.9	05/11/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	58.2	—	—	0.453	mg/L	Y	—	NQ	2018-2544	CASA-18-154770	GELC
R-36	766.9	07/11/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	59.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2018-2905	CASA-18-159865	GELC
R-36	766.9	07/11/2018	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	59.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2018-2905	CASA-18-159869	GELC
R-36	766.9	11/14/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	61	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-477	CASA-19-164026	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	57.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	59.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	60.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	58.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	01/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.34	—	—	0.11	mg/L	Y	—	NQ	2018-1408	CASA-18-150815	GELC
R-36	766.9	05/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.94	—	—	0.11	mg/L	Y	—	NQ	2018-2544	CASA-18-154770	GELC
R-36	766.9	07/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.03	—	—	0.11	mg/L	Y	—	NQ	N3B-2018-2905	CASA-18-159865	GELC
R-36	766.9	07/11/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.08	—	—	0.11	mg/L	Y	—	NQ	N3B-2018-2905	CASA-18-159869	GELC
R-36	766.9	11/14/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.47	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-477	CASA-19-164026	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.82	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.23	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.95	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.97	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	01/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.92	—	—	0.2	µg/L	Y	—	NQ	2018-1408	CASA-18-150815	GELC
R-36	766.9	05/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.83	—	—	0.2	µg/L	Y	—	NQ	2018-2544	CASA-18-154770	GELC
R-36	766.9	07/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.75	—	—	0.2	µg/L	Y	—	NQ	N3B-2018-2905	CASA-18-159865	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-36	766.9	07/11/2018	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.65	—	—	0.2	µg/L	Y	—	NQ	N3B-2018-2905	CASA-18-159869	GELC
R-36	766.9	11/14/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.91	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-477	CASA-19-164026	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.91	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.73	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	2	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	11/14/2012	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.694	3.03	10.9	—	pCi/L	Y	U	U	2013-322	CASA-13-24212	GELC
R-36	766.9	11/14/2012	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.626	2.86	10.5	—	pCi/L	Y	U	U	2013-322	CASA-13-24206	GELC
R-36	766.9	11/06/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.19	2.66	8.9	—	pCi/L	Y	U	U	2015-251	CASA-15-90252	GELC
R-36	766.9	11/17/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.83	3.41	11.2	—	pCi/L	Y	U	U	2016-364	CASA-16-106243	GELC
R-36	766.9	11/06/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	7.97	2.15	9.15	—	pCi/L	Y	U	U	2018-739	CASA-18-147999	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-7.64	2.39	7.18	—	pCi/L	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	01/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.906	—	—	0.6	µg/L	Y	J	J	2018-1408	CASA-18-150815	GELC
R-36	766.9	05/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.629	—	—	0.6	µg/L	Y	J	J	2018-2544	CASA-18-154770	GELC
R-36	766.9	07/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.604	—	—	0.6	µg/L	Y	J	J	N3B-2018-2905	CASA-18-159865	GELC
R-36	766.9	07/11/2018	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	N	0.6	—	—	0.6	µg/L	Y	U	U	N3B-2018-2905	CASA-18-159869	GELC
R-36	766.9	11/14/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.6	—	—	0.6	µg/L	Y	U	U	N3B-2019-477	CASA-19-164026	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.641	—	—	0.6	µg/L	Y	J	J	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.622	—	—	0.6	µg/L	Y	J	J	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.62	—	—	0.6	µg/L	Y	J	J	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	1.08	—	—	0.6	µg/L	Y	J	J	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	01/09/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.41	—	—	0.085	mg/L	Y	—	NQ	2018-1408	CASA-18-150815	GELC
R-36	766.9	05/11/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.46	—	—	0.085	mg/L	Y	—	NQ	2018-2544	CASA-18-154770	GELC
R-36	766.9	07/11/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.79	—	—	0.085	mg/L	Y	—	NQ	N3B-2018-2905	CASA-18-159865	GELC
R-36	766.9	07/11/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.77	—	—	0.085	mg/L	Y	—	NQ	N3B-2018-2905	CASA-18-159869	GELC
R-36	766.9	11/14/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.47	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-477	CASA-19-164026	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.54	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.39	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.45	—	—	0.17	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.6	—	—	0.085	mg/L	Y	—	NQ	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	01/09/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	1.39	—	—	0.05	µg/L	Y	—	NQ	2018-1408	CASA-18-150815	GELC
R-36	766.9	05/11/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	1.3	—	—	0.05	µg/L	Y	—	NQ	2018-2544	CASA-18-154770	GELC
R-36	766.9	07/11/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	1.41	—	—	0.05	µg/L	Y	—	NQ	N3B-2018-2905	CASA-18-159865	GELC
R-36	766.9	07/11/2018	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	1.36	—	—	0.05	µg/L	Y	—	NQ	N3B-2018-2905	CASA-18-159869	GELC
R-36	766.9	11/14/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	1.56	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-477	CASA-19-164026	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	1.42	—	—	0.05	µg/L	Y	—	J-	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	1.32	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	1.32	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	1.31	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	11/14/2012	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00277	0.0048	0.0266	—	pCi/L	Y	U	U	2013-322	CASA-13-24212	GELC
R-36	766.9	11/14/2012	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.00382	0.026	—	pCi/L	Y	U	U	2013-322	CASA-13-24206	GELC
R-36	766.9	11/06/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00669	0.0082	0.0449	—	pCi/L	Y	U	U	2015-251	CASA-15-90252	GELC
R-36	766.9	11/17/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00000000101	0.00569	0.0235	—	pCi/L	Y	U	U	2016-364	CASA-16-106243	GELC
R-36	766.9	11/06/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00155	0.01	0.03	—	pCi/L	Y	U	U	2018-739	CASA-18-147999	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0139	0.0135	0.0421	—	pCi/L	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/14/2012	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00277	0.00619	0.0442	—	pCi/L	Y	U	U	2013-322	CASA-13-24212	GELC
R-36	766.9	11/14/2012	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.0054	0.0431	—	pCi/L	Y	U	U	2013-322	CASA-13-24206	GELC
R-36	766.9	11/06/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0134	0.0157	0.0662	—	pCi/L	Y	U	U	2015-251	CASA-15-90252	GELC
R-36	766.9	11/17/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00201	0.00667	0.0452	—	pCi/L	Y	U	U	2016-364	CASA-16-106243	GELC
R-36	766.9	11/06/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0135	0.0122	0.0434	—	pCi/L	Y	U	U	2018-739	CASA-18-147999	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00232	0.00697	0.0409	—	pCi/L	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	01/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.97	—	—	0.05	mg/L	Y	—	NQ	2018-1408	CASA-18-150815	GELC
R-36	766.9	05/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.92	—	—	0.05	mg/L	Y	E	NQ	2018-2544	CASA-18-154770	GELC
R-36	766.9	07/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.93	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-2905	CASA-18-159865	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-36	766.9	07/11/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	1.9	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-2905	CASA-18-159869	GELC
R-36	766.9	11/14/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.9	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-477	CASA-19-164026	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.94	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.92	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.05	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.89	—	—	0.05	mg/L	Y	—	J+	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	11/14/2012	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-17.2	19.7	70.5	—	pCi/L	Y	U	U	2013-322	CASA-13-24212	GELC
R-36	766.9	11/14/2012	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-2.12	17.1	66.9	—	pCi/L	Y	U	U	2013-322	CASA-13-24206	GELC
R-36	766.9	11/06/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	26.5	14.4	44.6	—	pCi/L	Y	U	U	2015-251	CASA-15-90252	GELC
R-36	766.9	11/17/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-34.6	19.5	64.3	—	pCi/L	Y	U	U	2016-364	CASA-16-106243	GELC
R-36	766.9	11/06/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-16.1	14.1	52.6	—	pCi/L	Y	U	U	2018-739	CASA-18-147999	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-27.2	19.3	63.9	—	pCi/L	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	1.02	0.215	0.376	—	pCi/L	Y	—	NQ	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	1.24	0.336	—	—	pCi/L	Y	—	NQ	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.216	0.258	0.888	—	pCi/L	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	01/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.9	—	—	0.053	mg/L	Y	—	NQ	2018-1408	CASA-18-150815	GELC
R-36	766.9	05/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.4	—	—	0.53	mg/L	Y	—	NQ	2018-2544	CASA-18-154770	GELC
R-36	766.9	07/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2018-2905	CASA-18-159865	GELC
R-36	766.9	07/11/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2018-2905	CASA-18-159869	GELC
R-36	766.9	11/14/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-477	CASA-19-164026	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	01/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	15.4	—	—	0.1	mg/L	Y	—	NQ	2018-1408	CASA-18-150815	GELC
R-36	766.9	05/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	13.8	—	—	0.1	mg/L	Y	—	NQ	2018-2544	CASA-18-154770	GELC
R-36	766.9	07/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	14.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2018-2905	CASA-18-159865	GELC
R-36	766.9	07/11/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	14.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2018-2905	CASA-18-159869	GELC
R-36	766.9	11/14/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	14.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-477	CASA-19-164026	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	14.4	—	—	0.1	mg/L	Y	E	J+	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	14.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	14.8	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	14	—	—	0.1	mg/L	Y	N	NQ	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	11/14/2012	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.918	1.26	5.55	—	pCi/L	Y	U	U	2013-322	CASA-13-24212	GELC
R-36	766.9	11/14/2012	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-3.16	1.3	3.8	—	pCi/L	Y	U	U	2013-322	CASA-13-24206	GELC
R-36	766.9	11/06/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.43	1.16	4.2	—	pCi/L	Y	U	U	2015-251	CASA-15-90252	GELC
R-36	766.9	11/17/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.34	1.21	5.49	—	pCi/L	Y	U	U	2016-364	CASA-16-106243	GELC
R-36	766.9	11/06/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.857	1.19	4.75	—	pCi/L	Y	U	U	2018-739	CASA-18-147999	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.265	1.36	5.26	—	pCi/L	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	01/09/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	192	—	—	1	µS/cm	Y	—	NQ	2018-1408	CASA-18-150815	GELC
R-36	766.9	05/11/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	191	—	—	1	µS/cm	Y	—	NQ	2018-2544	CASA-18-154770	GELC
R-36	766.9	07/11/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	192	—	—	1	µS/cm	Y	—	NQ	N3B-2018-2905	CASA-18-159865	GELC
R-36	766.9	07/11/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	186	—	—	1	µS/cm	Y	—	NQ	N3B-2018-2905	CASA-18-159869	GELC
R-36	766.9	11/14/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	190	—	—	1	µS/cm	Y	—	NQ	N3B-2019-477	CASA-19-164026	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	192	—	—	1	µS/cm	Y	—	NQ	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	192	—	—	1	µS/cm	Y	—	NQ	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	192	—	—	1	µS/cm	Y	—	NQ	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	168	—	—	1	µS/cm	Y	—	NQ	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	01/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	69	—	—	1	µg/L	Y	—	NQ	2018-1408	CASA-18-150815	GELC
R-36	766.9	05/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	65.5	—	—	1	µg/L	Y	—	NQ	2018-2544	CASA-18-154770	GELC
R-36	766.9	07/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	64.6	—	—	1	µg/L	Y	—	NQ	N3B-2018-2905	CASA-18-159865	GELC
R-36	766.9	07/11/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	64.2	—	—	1	µg/L	Y	—	NQ	N3B-2018-2905	CASA-18-159869	GELC
R-36	766.9	11/14/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	65	—	—	1	µg/L	Y	—	NQ	N3B-2019-477	CASA-19-164026	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-36	766.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	63.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	63.5	—	—	1	µg/L	Y	—	NQ	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	67.3	—	—	1	µg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	64.5	—	—	1	µg/L	Y	—	NQ	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	11/14/2012	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0473	0.127	0.475	—	pCi/L	Y	U	U	2013-322	CASA-13-24212	GELC
R-36	766.9	11/14/2012	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0566	0.12	0.481	—	pCi/L	Y	U	U	2013-322	CASA-13-24206	GELC
R-36	766.9	11/06/2014	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0229	0.0666	0.229	—	pCi/L	Y	U	U	2015-251	CASA-15-90252	GELC
R-36	766.9	11/17/2015	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.185	0.0716	0.372	—	pCi/L	Y	U	U	2016-364	CASA-16-106243	GELC
R-36	766.9	11/06/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.374	0.15	0.47	—	pCi/L	Y	U	U	2018-739	CASA-18-147999	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.306	0.13	0.462	—	pCi/L	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	01/09/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.97	—	—	0.133	mg/L	Y	—	NQ	2018-1408	CASA-18-150815	GELC
R-36	766.9	05/11/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.38	—	—	0.133	mg/L	Y	—	NQ	2018-2544	CASA-18-154770	GELC
R-36	766.9	07/11/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.46	—	—	0.133	mg/L	Y	—	NQ	N3B-2018-2905	CASA-18-159865	GELC
R-36	766.9	07/11/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.5	—	—	0.133	mg/L	Y	—	NQ	N3B-2018-2905	CASA-18-159869	GELC
R-36	766.9	11/14/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.64	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-477	CASA-19-164026	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.2	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.22	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.52	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.24	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	01/09/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-1408	CASA-18-150815	GELC
R-36	766.9	01/09/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-1408	CASA-18-150816	GELC
R-36	766.9	05/11/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-2544	CASA-18-154770	GELC
R-36	766.9	05/11/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-2544	CASA-18-154771	GELC
R-36	766.9	07/11/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2018-2905	CASA-18-159865	GELC
R-36	766.9	07/11/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2018-2905	CASA-18-159866	GELC
R-36	766.9	07/11/2018	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2018-2905	CASA-18-159869	GELC
R-36	766.9	07/11/2018	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2018-2905	CASA-18-159870	GELC
R-36	766.9	11/14/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-477	CASA-19-164026	GELC
R-36	766.9	11/14/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-477	CASA-19-164027	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	01/18/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-786	CASA-19-166000	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	05/08/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-1827	CASA-19-175194	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	07/11/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-2508	CASA-19-182708	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	05/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	2018-2544	CASA-18-154770	GELC
R-36	766.9	07/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2018-2905	CASA-18-159865	GELC
R-36	766.9	07/11/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2018-2905	CASA-18-159869	GELC
R-36	766.9	11/14/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	4.39	—	—	2.5	µg/L	Y	J	J	N3B-2019-477	CASA-19-164026	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	9.68	—	—	2.5	µg/L	Y	J	J	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	3.71	—	—	2.5	µg/L	Y	J	J	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	01/09/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	77.1	—	—	3.4	mg/L	Y	—	NQ	2018-1408	CASA-18-150815	GELC
R-36	766.9	05/11/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	189	—	—	3.4	mg/L	Y	—	NQ	2018-2544	CASA-18-154770	GELC
R-36	766.9	07/11/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	140	—	—	3.4	mg/L	Y	—	NQ	N3B-2018-2905	CASA-18-159865	GELC
R-36	766.9	07/11/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	154	—	—	3.4	mg/L	Y	—	NQ	N3B-2018-2905	CASA-18-159869	GELC
R-36	766.9	11/14/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	157	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-477	CASA-19-164026	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	179	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	84.3	—	—	3.4	mg/L	Y	—	J+	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	201	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	176	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-285	CASA-20-189216	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-36	766.9	05/11/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.331	—	—	0.033	mg/L	Y	—	U	2018-2544	CASA-18-154771	GELC
R-36	766.9	07/11/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2018-2905	CASA-18-159866	GELC
R-36	766.9	07/11/2018	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2018-2905	CASA-18-159870	GELC
R-36	766.9	11/14/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0572	—	—	0.033	mg/L	Y	J	J	N3B-2019-477	CASA-19-164027	GELC
R-36	766.9	01/18/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2019-786	CASA-19-166000	GELC
R-36	766.9	05/08/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0711	—	—	0.033	mg/L	Y	J	J	N3B-2019-1827	CASA-19-175194	GELC
R-36	766.9	07/11/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2018-2905	CASA-18-159866	GELC
R-36	766.9	07/11/2018	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2018-2905	CASA-18-159870	GELC
R-36	766.9	11/14/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2019-477	CASA-19-164027	GELC
R-36	766.9	01/18/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2019-786	CASA-19-166000	GELC
R-36	766.9	05/08/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2019-1827	CASA-19-175194	GELC
R-36	766.9	07/11/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.336	—	—	0.33	mg/L	Y	J	J	N3B-2019-2508	CASA-19-182708	GELC
R-36	766.9	05/11/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0562	—	—	0.02	mg/L	Y	—	NQ	2018-2544	CASA-18-154770	GELC
R-36	766.9	07/11/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0413	—	—	0.02	mg/L	Y	J	U	N3B-2018-2905	CASA-18-159865	GELC
R-36	766.9	07/11/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0426	—	—	0.02	mg/L	Y	J	U	N3B-2018-2905	CASA-18-159869	GELC
R-36	766.9	11/14/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0312	—	—	0.02	mg/L	Y	J	U	N3B-2019-477	CASA-19-164026	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0349	—	—	0.02	mg/L	Y	J	U	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.208	—	—	0.02	mg/L	Y	—	J+	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.531	—	—	0.02	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	11/17/2015	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	11.963	2.002	2.28	—	pCi/L	Y	—	NQ	2016-378	CASA-16-106243	ARSL
R-36	766.9	11/10/2016	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	10.36	1.791	2.356	—	pCi/L	Y	—	J-	2017-494	CASA-17-127267	ARSL
R-36	766.9	11/10/2016	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	12.366	2.071	2.35	—	pCi/L	Y	—	J-	2017-494	CASA-17-127274	ARSL
R-36	766.9	11/06/2017	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	10.528	1.791	2.259	—	pCi/L	Y	—	J-	2018-835	CASA-18-147999	ARSL
R-36	766.9	11/14/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	11.48	2.046	3.085	—	pCi/L	Y	—	NQ	N3B-2019-480	CASA-19-164027	ARSL
R-36	766.9	05/08/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	10.313	1.879	3.052	—	pCi/L	Y	Q	J-	N3B-2019-1829	CASA-19-175194	ARSL
R-36	766.9	11/06/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	7.87	1.598	3.201	—	pCi/L	Y	—	NQ	N3B-2020-282	CASA-20-189217	ARSL
R-36	766.9	01/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.277	—	—	0.067	µg/L	Y	—	NQ	2018-1408	CASA-18-150815	GELC
R-36	766.9	05/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	N	0.344	—	—	0.067	µg/L	Y	—	U	2018-2544	CASA-18-154770	GELC
R-36	766.9	07/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.287	—	—	0.067	µg/L	Y	—	NQ	N3B-2018-2905	CASA-18-159865	GELC
R-36	766.9	07/11/2018	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.259	—	—	0.067	µg/L	Y	—	NQ	N3B-2018-2905	CASA-18-159869	GELC
R-36	766.9	11/14/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.272	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-477	CASA-19-164026	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.347	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.253	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.243	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.309	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	11/14/2012	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.195	0.0277	0.0628	—	pCi/L	Y	—	NQ	2013-322	CASA-13-24212	GELC
R-36	766.9	11/14/2012	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.241	0.0291	0.0635	—	pCi/L	Y	—	NQ	2013-322	CASA-13-24206	GELC
R-36	766.9	11/06/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.245	0.0303	0.066	—	pCi/L	Y	—	NQ	2015-251	CASA-15-90252	GELC
R-36	766.9	11/17/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.278	0.0318	0.104	—	pCi/L	Y	—	NQ	2016-364	CASA-16-106243	GELC
R-36	766.9	11/06/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.326	0.0337	0.156	—	pCi/L	Y	—	NQ	2018-739	CASA-18-147999	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.211	0.0317	0.081	—	pCi/L	Y	—	NQ	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/14/2012	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00669	0.00669	0.0392	—	pCi/L	Y	U	U	2013-322	CASA-13-24212	GELC
R-36	766.9	11/14/2012	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0102	0.00896	0.0397	—	pCi/L	Y	U	U	2013-322	CASA-13-24206	GELC
R-36	766.9	11/06/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0399	0.0138	0.0575	—	pCi/L	Y	U	U	2015-251	CASA-15-90252	GELC
R-36	766.9	11/17/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00789	0.0112	0.0909	—	pCi/L	Y	U	U	2016-364	CASA-16-106243	GELC
R-36	766.9	11/06/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0464	0.0155	0.0674	—	pCi/L	Y	U	U	2018-739	CASA-18-147999	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.031	0.0153	0.0585	—	pCi/L	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/14/2012	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0975	0.0171	0.0426	—	pCi/L	Y	—	NQ	2013-322	CASA-13-24212	GELC
R-36	766.9	11/14/2012	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0986	0.0178	0.0431	—	pCi/L	Y	—	NQ	2013-322	CASA-13-24206	GELC
R-36	766.9	11/06/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0967	0.0209	0.0633	—	pCi/L	Y	—	NQ	2015-251	CASA-15-90252	GELC
R-36	766.9	11/17/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.118	0.0209	0.103	—	pCi/L	Y	—	NQ	2016-364	CASA-16-106243	GELC
R-36	766.9	11/06/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.172	0.0241	0.0912	—	pCi/L	Y	—	NQ	2018-739	CASA-18-147999	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0983	0.0217	0.0947	—	pCi/L	Y	—	NQ	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	01/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	15.2	—	—	1	µg/L	Y	—	NQ	2018-1408	CASA-18-150815	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-36	766.9	05/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	14.3	—	—	1	µg/L	Y	—	NQ	2018-2544	CASA-18-154770	GELC
R-36	766.9	07/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	14.6	—	—	1	µg/L	Y	—	NQ	N3B-2018-2905	CASA-18-159865	GELC
R-36	766.9	07/11/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	15	—	—	1	µg/L	Y	—	NQ	N3B-2018-2905	CASA-18-159869	GELC
R-36	766.9	11/14/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	16.4	—	—	1	µg/L	Y	—	NQ	N3B-2019-477	CASA-19-164026	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	14.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	14.5	—	—	1	µg/L	Y	—	NQ	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	15.9	—	—	1	µg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	14.4	—	—	1	µg/L	Y	—	NQ	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	01/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	21.9	—	—	3.3	µg/L	Y	—	NQ	2018-1408	CASA-18-150815	GELC
R-36	766.9	05/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	26.2	—	—	3.3	µg/L	Y	—	J+	2018-2544	CASA-18-154770	GELC
R-36	766.9	07/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	25.8	—	—	3.3	µg/L	Y	—	NQ	N3B-2018-2905	CASA-18-159865	GELC
R-36	766.9	07/11/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Zinc	Zn	Y	28.7	—	—	3.3	µg/L	Y	—	NQ	N3B-2018-2905	CASA-18-159869	GELC
R-36	766.9	11/14/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	26.4	—	—	3.3	µg/L	Y	—	NQ	N3B-2019-477	CASA-19-164026	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	22.3	—	—	3.3	µg/L	Y	—	NQ	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	25	—	—	3.3	µg/L	Y	—	NQ	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	26.3	—	—	3.3	µg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	24	—	—	3.3	µg/L	Y	—	NQ	N3B-2020-285	CASA-20-189216	GELC
R-43 S1	903.9	07/15/2010	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3.5	µg/L	Y	U	UJ	10-3716	CASA-10-22705	GELC
R-43 S1	903.9	11/19/2013	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3	µg/L	Y	U	U	2014-2514	CASA-14-45708	GELC
R-43 S1	903.9	11/18/2015	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3	µg/L	Y	U	UJ	2016-375	CASA-16-106244	GELC
R-43 S1	903.9	11/09/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	—	1.5	µg/L	Y	U	U	2018-854	CASA-18-148000	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	2.36	—	—	1.5	µg/L	Y	J	J	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Acetone	67-64-1	Y	1.86	—	—	1.5	µg/L	Y	J	J	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	01/23/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.12	—	—	0.01	SU	Y	H	NQ	2018-1544	CASA-18-1	GELC
R-43 S1	903.9	01/23/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.13	—	—	0.01	SU	Y	H	NQ	2018-1544	CASA-18-150819	GELC
R-43 S1	903.9	05/21/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.06	—	—	0.01	SU	Y	H	NQ	2018-2595	CASA-18-154772	GELC
R-43 S1	903.9	07/17/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.21	—	—	0.01	SU	Y	H	NQ	N3B-2018-3053	CASA-18-159871	GELC
R-43 S1	903.9	11/08/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.14	—	—	0.01	SU	Y	H	NQ	N3B-2019-425	CASA-19-164013	GELC
R-43 S1	903.9	11/08/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.17	—	—	0.01	SU	Y	H	NQ	N3B-2019-425	CASA-19-164028	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7	—	—	0.01	SU	Y	H	NQ	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.32	—	—	0.01	SU	Y	H	NQ	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.31	—	—	0.01	SU	Y	H	NQ	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.19	—	—	0.01	SU	Y	H	NQ	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.17	—	—	0.01	SU	Y	H	NQ	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	01/23/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	44.4	—	—	1.45	mg/L	Y	—	NQ	2018-1544	CASA-18-1	GELC
R-43 S1	903.9	01/23/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	43.8	—	—	1.45	mg/L	Y	—	NQ	2018-1544	CASA-18-150819	GELC
R-43 S1	903.9	05/21/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	43.8	—	—	1.45	mg/L	Y	—	NQ	2018-2595	CASA-18-154772	GELC
R-43 S1	903.9	07/17/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	44.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2018-3053	CASA-18-159871	GELC
R-43 S1	903.9	11/08/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	44.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-425	CASA-19-164013	GELC
R-43 S1	903.9	11/08/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	46	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-425	CASA-19-164028	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	46	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	47.5	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	42.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	44.1	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	44.5	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	11/07/2012	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0062	0.00677	0.0254	—	pCi/L	Y	U	U	2013-286	CASA-13-24213	GELC
R-43 S1	903.9	11/21/2014	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.011	0.00728	0.0459	—	pCi/L	Y	U	U	2015-415	CASA-15-90253	GELC
R-43 S1	903.9	11/18/2015	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00000000376	0.0112	0.0339	—	pCi/L	Y	U	U	2016-375	CASA-16-106244	GELC
R-43 S1	903.9	11/09/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00461	0.00565	0.0411	—	pCi/L	Y	U	U	2018-854	CASA-18-148000	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00466	0.00466	0.0467	—	pCi/L	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00177	0.00532	0.0355	—	pCi/L	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	01/23/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0707	—	—	0.017	mg/L	Y	—	U	2018-1544	CASA-18-1	GELC
R-43 S1	903.9	01/23/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0389	—	—	0.017	mg/L	Y	J	U	2018-1544	CASA-18-150819	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-43 S1	903.9	05/21/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.02	—	—	0.017	mg/L	Y	J	J	2018-2595	CASA-18-154772	GELC
R-43 S1	903.9	07/17/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0545	—	—	0.017	mg/L	Y	—	NQ	N3B-2018-3053	CASA-18-159871	GELC
R-43 S1	903.9	11/08/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0404	—	—	0.017	mg/L	Y	J	J	N3B-2019-425	CASA-19-164013	GELC
R-43 S1	903.9	11/08/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0341	—	—	0.017	mg/L	Y	J	J	N3B-2019-425	CASA-19-164028	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0422	—	—	0.017	mg/L	Y	J	J	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.055	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0536	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0389	—	—	0.017	mg/L	Y	J	J	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	05/21/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.19	—	—	2	µg/L	Y	J	J	2018-2595	CASA-18-154772	GELC
R-43 S1	903.9	07/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.94	—	—	2	µg/L	Y	J	J	N3B-2018-3053	CASA-18-159871	GELC
R-43 S1	903.9	11/08/2018	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	Y	2.59	—	—	2	µg/L	Y	J	J	N3B-2019-425	CASA-19-164013	GELC
R-43 S1	903.9	11/08/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.57	—	—	2	µg/L	Y	J	J	N3B-2019-425	CASA-19-164028	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.38	—	—	2	µg/L	Y	J	J	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.69	—	—	2	µg/L	Y	J	J	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.66	—	—	2	µg/L	Y	J	J	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.57	—	—	2	µg/L	Y	J	J	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	01/23/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	24.9	—	—	1	µg/L	Y	—	NQ	2018-1544	CASA-18-1	GELC
R-43 S1	903.9	01/23/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	25.6	—	—	1	µg/L	Y	—	NQ	2018-1544	CASA-18-150819	GELC
R-43 S1	903.9	05/21/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	23.1	—	—	1	µg/L	Y	—	NQ	2018-2595	CASA-18-154772	GELC
R-43 S1	903.9	07/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	25.7	—	—	1	µg/L	Y	—	NQ	N3B-2018-3053	CASA-18-159871	GELC
R-43 S1	903.9	11/08/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	24.8	—	—	1	µg/L	Y	—	NQ	N3B-2019-425	CASA-19-164013	GELC
R-43 S1	903.9	11/08/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	24.5	—	—	1	µg/L	Y	—	NQ	N3B-2019-425	CASA-19-164028	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	23.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	23.7	—	—	1	µg/L	Y	—	NQ	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	24.1	—	—	1	µg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	25.6	—	—	1	µg/L	Y	—	NQ	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	26.3	—	—	1	µg/L	Y	—	NQ	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	01/23/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	Y	18.1	—	—	15	µg/L	Y	J	J	2018-1544	CASA-18-1	GELC
R-43 S1	903.9	01/23/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	18.6	—	—	15	µg/L	Y	J	J	2018-1544	CASA-18-150819	GELC
R-43 S1	903.9	05/21/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	2018-2595	CASA-18-154772	GELC
R-43 S1	903.9	07/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	22.1	—	—	15	µg/L	Y	J	J	N3B-2018-3053	CASA-18-159871	GELC
R-43 S1	903.9	11/08/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	Y	16.4	—	—	15	µg/L	Y	J	J	N3B-2019-425	CASA-19-164013	GELC
R-43 S1	903.9	11/08/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	16.4	—	—	15	µg/L	Y	J	J	N3B-2019-425	CASA-19-164028	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	16	—	—	15	µg/L	Y	J	J	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	16.7	—	—	15	µg/L	Y	J	J	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	Y	17.2	—	—	15	µg/L	Y	J	J	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	01/23/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0898	—	—	0.067	mg/L	Y	J	J	2018-1544	CASA-18-1	GELC
R-43 S1	903.9	01/23/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0931	—	—	0.067	mg/L	Y	J	J	2018-1544	CASA-18-150819	GELC
R-43 S1	903.9	05/21/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0932	—	—	0.067	mg/L	Y	J	J	2018-2595	CASA-18-154772	GELC
R-43 S1	903.9	07/17/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0892	—	—	0.067	mg/L	Y	J	J	N3B-2018-3053	CASA-18-159871	GELC
R-43 S1	903.9	11/08/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0906	—	—	0.067	mg/L	Y	J	J	N3B-2019-425	CASA-19-164013	GELC
R-43 S1	903.9	11/08/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0976	—	—	0.067	mg/L	Y	J	J	N3B-2019-425	CASA-19-164028	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0696	—	—	0.067	mg/L	Y	J	J	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	01/23/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	20.3	—	—	0.05	mg/L	Y	—	NQ	2018-1544	CASA-18-1	GELC
R-43 S1	903.9	01/23/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	20.7	—	—	0.05	mg/L	Y	—	NQ	2018-1544	CASA-18-150819	GELC
R-43 S1	903.9	05/21/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	18.3	—	—	0.05	mg/L	Y	—	NQ	2018-2595	CASA-18-154772	GELC
R-43 S1	903.9	07/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	21.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-3053	CASA-18-159871	GELC
R-43 S1	903.9	11/08/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	19.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-425	CASA-19-164013	GELC
R-43 S1	903.9	11/08/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	19.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-425	CASA-19-164028	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	19.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	19.9	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	19.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182709	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	19.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	19.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	11/07/2012	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.677	1.4	5.02	—	pCi/L	Y	U	U	2013-286	CASA-13-24213	GELC
R-43 S1	903.9	11/21/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.89	1.72	5.7	—	pCi/L	Y	U	U	2015-415	CASA-15-90253	GELC
R-43 S1	903.9	11/18/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.403	1.69	5.59	—	pCi/L	Y	U	U	2016-375	CASA-16-106244	GELC
R-43 S1	903.9	11/09/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.54	1.48	5.9	—	pCi/L	Y	U	U	2018-854	CASA-18-148000	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.03	1.03	3.47	—	pCi/L	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	3.17	1.8	3.66	—	pCi/L	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	01/23/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	8.45	—	—	0.067	mg/L	Y	—	NQ	2018-1544	CASA-18-1	GELC
R-43 S1	903.9	01/23/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	8.44	—	—	0.067	mg/L	Y	—	NQ	2018-1544	CASA-18-150819	GELC
R-43 S1	903.9	05/21/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	8.67	—	—	0.067	mg/L	Y	—	NQ	2018-2595	CASA-18-154772	GELC
R-43 S1	903.9	07/17/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	8.64	—	—	0.067	mg/L	Y	—	NQ	N3B-2018-3053	CASA-18-159871	GELC
R-43 S1	903.9	11/08/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	8.7	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-425	CASA-19-164013	GELC
R-43 S1	903.9	11/08/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	8.71	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-425	CASA-19-164028	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	8.68	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	9.03	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	9.11	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	8.96	—	—	0.067	mg/L	Y	—	J+	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	9.03	—	—	0.067	mg/L	Y	—	J+	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	01/23/2018	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	179	—	—	3	µg/L	Y	—	NQ	2018-1544	CASA-18-1	GELC
R-43 S1	903.9	01/23/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	184	—	—	3	µg/L	Y	—	NQ	2018-1544	CASA-18-150819	GELC
R-43 S1	903.9	05/21/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	187	—	—	3	µg/L	Y	—	NQ	2018-2595	CASA-18-154772	GELC
R-43 S1	903.9	07/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	199	—	—	3	µg/L	Y	—	NQ	N3B-2018-3053	CASA-18-159871	GELC
R-43 S1	903.9	11/08/2018	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	199	—	—	3	µg/L	Y	—	NQ	N3B-2019-425	CASA-19-164013	GELC
R-43 S1	903.9	11/08/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	200	—	—	3	µg/L	Y	—	NQ	N3B-2019-425	CASA-19-164028	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	199	—	—	3	µg/L	Y	—	NQ	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	197	—	—	3	µg/L	Y	—	NQ	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	205	—	—	3	µg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	223	—	—	15	µg/L	Y	—	NQ	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Chromium	Cr	Y	222	—	—	15	µg/L	Y	—	NQ	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	11/07/2012	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.33	1.29	5.62	—	pCi/L	Y	U	U	2013-286	CASA-13-24213	GELC
R-43 S1	903.9	11/21/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.66	1.43	4.92	—	pCi/L	Y	U	U	2015-415	CASA-15-90253	GELC
R-43 S1	903.9	11/18/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.303	1.35	5.5	—	pCi/L	Y	U	U	2016-375	CASA-16-106244	GELC
R-43 S1	903.9	11/09/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.38	1.21	5.7	—	pCi/L	Y	U	U	2018-854	CASA-18-148000	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.95	1.07	4.49	—	pCi/L	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.53	1.08	4.22	—	pCi/L	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	07/15/2010	WG	UF	INIT	REG	SVOC	SW-846:8270C	Dioxane[1,4-]	123-91-1	N	10.5	—	—	2.1	µg/L	Y	U	U	10-3716	CASA-10-22705	GELC
R-43 S1	903.9	11/19/2013	WG	UF	INIT	REG	SVOC	SW-846:8270C	Dioxane[1,4-]	123-91-1	N	10	—	—	3	µg/L	Y	U	U	2014-2514	CASA-14-45708	GELC
R-43 S1	903.9	11/18/2015	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	5	—	—	1.5	µg/L	Y	U	U	2016-375	CASA-16-106244	GELC
R-43 S1	903.9	11/09/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.16	—	—	3.16	µg/L	Y	U	U	2018-854	CASA-18-148000	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.07	—	—	3.07	µg/L	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.05	—	—	3.05	µg/L	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	—	—	0.1	µg/L	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	Y	0.134	—	—	0.1	µg/L	Y	J	J	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	01/23/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.27	—	—	0.033	mg/L	Y	—	NQ	2018-1544	CASA-18-1	GELC
R-43 S1	903.9	01/23/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.265	—	—	0.033	mg/L	Y	—	NQ	2018-1544	CASA-18-150819	GELC
R-43 S1	903.9	05/21/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.259	—	—	0.033	mg/L	Y	—	NQ	2018-2595	CASA-18-154772	GELC
R-43 S1	903.9	07/17/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.3	—	—	0.033	mg/L	Y	—	NQ	N3B-2018-3053	CASA-18-159871	GELC
R-43 S1	903.9	11/08/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.336	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-425	CASA-19-164013	GELC
R-43 S1	903.9	11/08/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.336	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-425	CASA-19-164028	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.3	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.475	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.535	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182709	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.3	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.3	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	11/07/2012	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.307	0.743	2.87	—	pCi/L	Y	U	U	2013-286	CASA-13-24213	GELC
R-43 S1	903.9	11/21/2014	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.419	0.263	1.03	—	pCi/L	Y	U	U	2015-415	CASA-15-90253	GELC
R-43 S1	903.9	11/18/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.588	0.573	2.88	—	pCi/L	Y	U	U	2016-375	CASA-16-106244	GELC
R-43 S1	903.9	11/09/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-1.22	0.662	2.93	—	pCi/L	Y	U	U	2018-854	CASA-18-148000	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.25	0.883	2.99	—	pCi/L	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	1.21	0.841	2.82	—	pCi/L	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/07/2012	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.317	0.738	2.68	—	pCi/L	Y	U	U	2013-286	CASA-13-24213	GELC
R-43 S1	903.9	11/21/2014	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.306	0.801	2.88	—	pCi/L	Y	U	U	2015-415	CASA-15-90253	GELC
R-43 S1	903.9	11/18/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.41	0.937	2.86	—	pCi/L	Y	U	U	2016-375	CASA-16-106244	GELC
R-43 S1	903.9	11/09/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	-0.709	0.502	2.15	—	pCi/L	Y	U	U	2018-854	CASA-18-148000	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.46	0.82	2.42	—	pCi/L	Y	—	NQ	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	2.72	0.789	2.2	—	pCi/L	Y	—	NQ	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	01/23/2018	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	69.1	—	—	0.453	mg/L	Y	—	NQ	2018-1544	CASA-18-1	GELC
R-43 S1	903.9	01/23/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	70.3	—	—	0.453	mg/L	Y	—	NQ	2018-1544	CASA-18-150819	GELC
R-43 S1	903.9	05/21/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	62.2	—	—	0.453	mg/L	Y	—	NQ	2018-2595	CASA-18-154772	GELC
R-43 S1	903.9	07/17/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	72.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2018-3053	CASA-18-159871	GELC
R-43 S1	903.9	11/08/2018	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	68.5	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-425	CASA-19-164013	GELC
R-43 S1	903.9	11/08/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	68.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-425	CASA-19-164028	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	65.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	68.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	65.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	66.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	67.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	01/23/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.47	—	—	0.11	mg/L	Y	—	NQ	2018-1544	CASA-18-1	GELC
R-43 S1	903.9	01/23/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.52	—	—	0.11	mg/L	Y	—	NQ	2018-1544	CASA-18-150819	GELC
R-43 S1	903.9	05/21/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4	—	—	0.11	mg/L	Y	—	NQ	2018-2595	CASA-18-154772	GELC
R-43 S1	903.9	07/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.72	—	—	0.11	mg/L	Y	—	NQ	N3B-2018-3053	CASA-18-159871	GELC
R-43 S1	903.9	11/08/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.7	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-425	CASA-19-164013	GELC
R-43 S1	903.9	11/08/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.75	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-425	CASA-19-164028	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.08	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.51	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.03	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.3	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.4	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	01/23/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Manganese	Mn	N	2	—	—	2	µg/L	Y	U	U	2018-1544	CASA-18-1	GELC
R-43 S1	903.9	01/23/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2	—	—	2	µg/L	Y	U	U	2018-1544	CASA-18-150819	GELC
R-43 S1	903.9	05/21/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2	—	—	2	µg/L	Y	U	U	2018-2595	CASA-18-154772	GELC
R-43 S1	903.9	07/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2	—	—	2	µg/L	Y	U	U	N3B-2018-3053	CASA-18-159871	GELC
R-43 S1	903.9	11/08/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Manganese	Mn	N	2	—	—	2	µg/L	Y	U	U	N3B-2019-425	CASA-19-164013	GELC
R-43 S1	903.9	11/08/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2	—	—	2	µg/L	Y	U	U	N3B-2019-425	CASA-19-164028	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	2.27	—	—	2	µg/L	Y	J	J	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	01/23/2018	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.29	—	—	0.2	µg/L	Y	—	NQ	2018-1544	CASA-18-1	GELC
R-43 S1	903.9	01/23/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.27	—	—	0.2	µg/L	Y	—	NQ	2018-1544	CASA-18-150819	GELC
R-43 S1	903.9	05/21/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.23	—	—	0.2	µg/L	Y	—	NQ	2018-2595	CASA-18-154772	GELC
R-43 S1	903.9	07/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.27	—	—	0.2	µg/L	Y	—	NQ	N3B-2018-3053	CASA-18-159871	GELC
R-43 S1	903.9	11/08/2018	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.22	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-425	CASA-19-164013	GELC
R-43 S1	903.9	11/08/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.59	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-425	CASA-19-164028	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.36	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.23	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.24	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.27	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-354	CASA-20-189219	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.24	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	11/07/2012	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-5.83	2.78	8.94	—	pCi/L	Y	U	U	2013-286	CASA-13-24213	GELC
R-43 S1	903.9	11/21/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.57	3.18	10.8	—	pCi/L	Y	U	U	2015-415	CASA-15-90253	GELC
R-43 S1	903.9	11/18/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.258	3.05	10.9	—	pCi/L	Y	U	U	2016-375	CASA-16-106244	GELC
R-43 S1	903.9	11/09/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.83	2.62	9.8	—	pCi/L	Y	U	U	2018-854	CASA-18-148000	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.85	1.76	6.03	—	pCi/L	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.66	1.84	7.06	—	pCi/L	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	01/23/2018	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	4.09	—	—	0.6	µg/L	Y	—	NQ	2018-1544	CASA-18-1	GELC
R-43 S1	903.9	01/23/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	4.16	—	—	0.6	µg/L	Y	—	NQ	2018-1544	CASA-18-150819	GELC
R-43 S1	903.9	05/21/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	4.02	—	—	0.6	µg/L	Y	—	NQ	2018-2595	CASA-18-154772	GELC
R-43 S1	903.9	07/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	3.34	—	—	0.6	µg/L	Y	—	NQ	N3B-2018-3053	CASA-18-159871	GELC
R-43 S1	903.9	11/08/2018	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	3.56	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-425	CASA-19-164013	GELC
R-43 S1	903.9	11/08/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	3.77	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-425	CASA-19-164028	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	12.4	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.69	—	—	0.6	µg/L	Y	J	J	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.02	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	2.61	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Nickel	Ni	Y	2.68	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	01/23/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.44	—	—	0.17	mg/L	Y	—	NQ	2018-1544	CASA-18-1	GELC
R-43 S1	903.9	01/23/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.36	—	—	0.17	mg/L	Y	—	NQ	2018-1544	CASA-18-150819	GELC
R-43 S1	903.9	05/21/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.1	—	—	0.085	mg/L	Y	—	NQ	2018-2595	CASA-18-154772	GELC
R-43 S1	903.9	07/17/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.44	—	—	0.17	mg/L	Y	—	NQ	N3B-2018-3053	CASA-18-159871	GELC
R-43 S1	903.9	11/08/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.15	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-425	CASA-19-164013	GELC
R-43 S1	903.9	11/08/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.15	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-425	CASA-19-164028	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.5	—	—	0.85	mg/L	Y	—	NQ	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.09	—	—	0.17	mg/L	Y	—	NQ	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	4.9	—	—	0.17	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.1	—	—	0.85	mg/L	Y	—	NQ	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.01	—	—	0.17	mg/L	Y	—	NQ	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	01/23/2018	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.827	—	—	0.05	µg/L	Y	—	NQ	2018-1544	CASA-18-1	GELC
R-43 S1	903.9	01/23/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.822	—	—	0.05	µg/L	Y	—	NQ	2018-1544	CASA-18-150819	GELC
R-43 S1	903.9	05/21/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.81	—	—	0.05	µg/L	Y	—	NQ	2018-2595	CASA-18-154772	GELC
R-43 S1	903.9	07/17/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.869	—	—	0.05	µg/L	Y	—	NQ	N3B-2018-3053	CASA-18-159871	GELC
R-43 S1	903.9	11/08/2018	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.929	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-425	CASA-19-164013	GELC
R-43 S1	903.9	11/08/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.93	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-425	CASA-19-164028	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.782	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.856	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.783	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.832	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.828	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	11/07/2012	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.0038	0.0276	—	pCi/L	Y	U	U	2013-286	CASA-13-24213	GELC
R-43 S1	903.9	11/21/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00425	0.00425	0.0285	—	pCi/L	Y	U	U	2015-415	CASA-15-90253	GELC
R-43 S1	903.9	11/18/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00189	0.00567	0.0221	—	pCi/L	Y	U	U	2016-375	CASA-16-106244	GELC
R-43 S1	903.9	11/09/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0173	0.0106	0.0639	—	pCi/L	Y	U	U	2018-854	CASA-18-148000	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0186	0.00802	0.0375	—	pCi/L	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00667	0.00588	0.0403	—	pCi/L	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/07/2012	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00467	0.00504	0.0456	—	pCi/L	Y	U	U	2013-286	CASA-13-24213	GELC
R-43 S1	903.9	11/21/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00425	0.00425	0.0421	—	pCi/L	Y	U	U	2015-415	CASA-15-90253	GELC
R-43 S1	903.9	11/18/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00944	0.005	0.0425	—	pCi/L	Y	U	U	2016-375	CASA-16-106244	GELC
R-43 S1	903.9	11/09/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00867	0.00867	0.0914	—	pCi/L	Y	U	U	2018-854	CASA-18-148000	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00621	0.00547	0.0364	—	pCi/L	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00667	0.00667	0.0392	—	pCi/L	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	01/23/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	1.45	—	—	0.05	mg/L	Y	—	NQ	2018-1544	CASA-18-1	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-43 S1	903.9	01/23/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.49	—	—	0.05	mg/L	Y	—	NQ	2018-1544	CASA-18-150819	GELC
R-43 S1	903.9	05/21/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.36	—	—	0.05	mg/L	Y	—	NQ	2018-2595	CASA-18-154772	GELC
R-43 S1	903.9	07/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.7	—	—	0.05	mg/L	Y	—	J+	N3B-2018-3053	CASA-18-159871	GELC
R-43 S1	903.9	11/08/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	1.79	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-425	CASA-19-164013	GELC
R-43 S1	903.9	11/08/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.76	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-425	CASA-19-164028	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.67	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.36	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.36	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.75	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	1.69	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	11/07/2012	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-8.92	17.2	63.5	—	pCi/L	Y	U	U	2013-286	CASA-13-24213	GELC
R-43 S1	903.9	11/21/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-26.9	16	57.9	—	pCi/L	Y	U	U	2015-415	CASA-15-90253	GELC
R-43 S1	903.9	11/18/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	11.8	24.2	47	—	pCi/L	Y	U	U	2016-375	CASA-16-106244	GELC
R-43 S1	903.9	11/09/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-4.91	19.6	75.7	—	pCi/L	Y	U	U	2018-854	CASA-18-148000	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-21.5	15.3	51.7	—	pCi/L	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-9.47	18	59.7	—	pCi/L	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.216	0.134	0.443	—	pCi/L	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.497	0.113	0.181	—	pCi/L	Y	—	NQ	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.325	0.216	—	—	pCi/L	Y	—	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.695	0.18	—	—	pCi/L	Y	—	NQ	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.11	0.169	0.597	—	pCi/L	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	N	0.199	0.14	0.47	—	pCi/L	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	01/23/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.5	—	—	0.053	mg/L	Y	—	NQ	2018-1544	CASA-18-1	GELC
R-43 S1	903.9	01/23/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	75.1	—	—	0.053	mg/L	Y	—	NQ	2018-1544	CASA-18-150819	GELC
R-43 S1	903.9	05/21/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.1	—	—	0.053	mg/L	Y	—	NQ	2018-2595	CASA-18-154772	GELC
R-43 S1	903.9	07/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	77.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2018-3053	CASA-18-159871	GELC
R-43 S1	903.9	11/08/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-425	CASA-19-164013	GELC
R-43 S1	903.9	11/08/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-425	CASA-19-164028	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	75.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	76.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	01/23/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.67	—	—	0.1	mg/L	Y	—	J+	2018-1544	CASA-18-1	GELC
R-43 S1	903.9	01/23/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10	—	—	0.1	mg/L	Y	—	J+	2018-1544	CASA-18-150819	GELC
R-43 S1	903.9	05/21/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.68	—	—	0.1	mg/L	Y	—	NQ	2018-2595	CASA-18-154772	GELC
R-43 S1	903.9	07/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.5	—	—	0.1	mg/L	Y	—	NQ	N3B-2018-3053	CASA-18-159871	GELC
R-43 S1	903.9	11/08/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-425	CASA-19-164013	GELC
R-43 S1	903.9	11/08/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-425	CASA-19-164028	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.7	—	—	0.1	mg/L	Y	E	J+	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	11/07/2012	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.44	0.927	3.12	—	pCi/L	Y	U	U	2013-286	CASA-13-24213	GELC
R-43 S1	903.9	11/21/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.976	1.52	5.57	—	pCi/L	Y	U	U	2015-415	CASA-15-90253	GELC
R-43 S1	903.9	11/18/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.34	1.39	5.61	—	pCi/L	Y	U	U	2016-375	CASA-16-106244	GELC
R-43 S1	903.9	11/09/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	3.07	1.46	5.21	—	pCi/L	Y	U	U	2018-854	CASA-18-148000	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.872	0.782	2.78	—	pCi/L	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.0653	0.984	3.71	—	pCi/L	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	01/23/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	198	—	—	1	µS/cm	Y	—	NQ	2018-1544	CASA-18-1	GELC
R-43 S1	903.9	01/23/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	199	—	—	1	µS/cm	Y	—	NQ	2018-1544	CASA-18-150819	GELC
R-43 S1	903.9	05/21/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	198	—	—	1	µS/cm	Y	—	NQ	2018-2595	CASA-18-154772	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-43 S1	903.9	07/17/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	196	—	—	1	µS/cm	Y	—	NQ	N3B-2018-3053	CASA-18-159871	GELC
R-43 S1	903.9	11/08/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	197	—	—	1	µS/cm	Y	—	NQ	N3B-2019-425	CASA-19-164013	GELC
R-43 S1	903.9	11/08/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	197	—	—	1	µS/cm	Y	—	NQ	N3B-2019-425	CASA-19-164028	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	199	—	—	1	µS/cm	Y	—	NQ	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	199	—	—	1	µS/cm	Y	—	NQ	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	201	—	—	1	µS/cm	Y	—	NQ	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	178	—	—	1	µS/cm	Y	—	NQ	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	175	—	—	1	µS/cm	Y	—	NQ	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	01/23/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	72.9	—	—	1	µg/L	Y	—	NQ	2018-1544	CASA-18-1	GELC
R-43 S1	903.9	01/23/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	76	—	—	1	µg/L	Y	—	NQ	2018-1544	CASA-18-150819	GELC
R-43 S1	903.9	05/21/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	71.8	—	—	1	µg/L	Y	—	NQ	2018-2595	CASA-18-154772	GELC
R-43 S1	903.9	07/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	79.7	—	—	1	µg/L	Y	—	NQ	N3B-2018-3053	CASA-18-159871	GELC
R-43 S1	903.9	11/08/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	76.1	—	—	1	µg/L	Y	—	NQ	N3B-2019-425	CASA-19-164013	GELC
R-43 S1	903.9	11/08/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	75.7	—	—	1	µg/L	Y	—	NQ	N3B-2019-425	CASA-19-164028	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	75	—	—	1	µg/L	Y	—	NQ	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	72.6	—	—	1	µg/L	Y	—	NQ	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	74	—	—	1	µg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	79	—	—	1	µg/L	Y	—	NQ	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	79	—	—	1	µg/L	Y	—	NQ	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	11/07/2012	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0196	0.115	0.442	—	pCi/L	Y	U	U	2013-286	CASA-13-24213	GELC
R-43 S1	903.9	11/21/2014	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0696	0.125	0.48	—	pCi/L	Y	U	U	2015-415	CASA-15-90253	GELC
R-43 S1	903.9	11/18/2015	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.142	0.139	0.481	—	pCi/L	Y	U	U	2016-375	CASA-16-106244	GELC
R-43 S1	903.9	11/09/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.13	0.129	0.494	—	pCi/L	Y	U	U	2018-854	CASA-18-148000	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0484	0.135	0.487	—	pCi/L	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.161	0.133	0.448	—	pCi/L	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	01/23/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	17.4	—	—	0.133	mg/L	Y	—	NQ	2018-1544	CASA-18-1	GELC
R-43 S1	903.9	01/23/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	17.3	—	—	0.133	mg/L	Y	—	NQ	2018-1544	CASA-18-150819	GELC
R-43 S1	903.9	05/21/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	17.6	—	—	0.133	mg/L	Y	—	J+	2018-2595	CASA-18-154772	GELC
R-43 S1	903.9	07/17/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	18.1	—	—	0.133	mg/L	Y	—	NQ	N3B-2018-3053	CASA-18-159871	GELC
R-43 S1	903.9	11/08/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	18.2	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-425	CASA-19-164013	GELC
R-43 S1	903.9	11/08/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	18.2	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-425	CASA-19-164028	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	18.1	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	18.5	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	18.6	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	18.7	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	18.7	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	01/23/2018	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	2018-1544	CASA-18-1	GELC
R-43 S1	903.9	01/23/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	2018-1544	CASA-18-150819	GELC
R-43 S1	903.9	01/23/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	2018-1544	CASA-18-150820	GELC
R-43 S1	903.9	01/23/2018	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	2018-1544	CASA-18-150874	GELC
R-43 S1	903.9	05/21/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	2018-2595	CASA-18-154772	GELC
R-43 S1	903.9	05/21/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	2018-2595	CASA-18-154773	GELC
R-43 S1	903.9	07/17/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2018-3053	CASA-18-159871	GELC
R-43 S1	903.9	07/17/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2018-3053	CASA-18-159872	GELC
R-43 S1	903.9	11/08/2018	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-425	CASA-19-164013	GELC
R-43 S1	903.9	11/08/2018	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-425	CASA-19-164014	GELC
R-43 S1	903.9	11/08/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-425	CASA-19-164028	GELC
R-43 S1	903.9	11/08/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-425	CASA-19-164029	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	01/18/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-786	CASA-19-166002	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	05/10/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-1877	CASA-19-175196	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-2508	CASA-19-182709	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-43 S1	903.9	07/11/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-2508	CASA-19-182710	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	01/23/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	177	—	—	3.4	mg/L	Y	—	NQ	2018-1544	CASA-18-1	GELC
R-43 S1	903.9	01/23/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	163	—	—	3.4	mg/L	Y	—	NQ	2018-1544	CASA-18-150819	GELC
R-43 S1	903.9	05/21/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	197	—	—	3.4	mg/L	Y	—	NQ	2018-2595	CASA-18-154772	GELC
R-43 S1	903.9	07/17/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	183	—	—	3.4	mg/L	Y	—	NQ	N3B-2018-3053	CASA-18-159871	GELC
R-43 S1	903.9	11/08/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	160	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-425	CASA-19-164013	GELC
R-43 S1	903.9	11/08/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	184	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-425	CASA-19-164028	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	187	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	193	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	216	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	179	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	169	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	05/21/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	2018-2595	CASA-18-154773	GELC
R-43 S1	903.9	07/17/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0897	—	—	0.033	mg/L	Y	J	J	N3B-2018-3053	CASA-18-159872	GELC
R-43 S1	903.9	11/08/2018	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0718	—	—	0.033	mg/L	Y	J	J	N3B-2019-425	CASA-19-164014	GELC
R-43 S1	903.9	11/08/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0686	—	—	0.033	mg/L	Y	J	J	N3B-2019-425	CASA-19-164029	GELC
R-43 S1	903.9	01/18/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2019-786	CASA-19-166002	GELC
R-43 S1	903.9	05/10/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0855	—	—	0.033	mg/L	Y	J	J	N3B-2019-1877	CASA-19-175196	GELC
R-43 S1	903.9	01/23/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.643	—	—	0.33	mg/L	Y	J	J	2018-1544	CASA-18-150820	GELC
R-43 S1	903.9	01/23/2018	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.614	—	—	0.33	mg/L	Y	J	J	2018-1544	CASA-18-150874	GELC
R-43 S1	903.9	05/21/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	2018-2595	CASA-18-154773	GELC
R-43 S1	903.9	07/17/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2018-3053	CASA-18-159872	GELC
R-43 S1	903.9	11/08/2018	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.728	—	—	0.33	mg/L	Y	J	J	N3B-2019-425	CASA-19-164014	GELC
R-43 S1	903.9	11/08/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.752	—	—	0.33	mg/L	Y	J	J	N3B-2019-425	CASA-19-164029	GELC
R-43 S1	903.9	01/18/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.804	—	—	0.33	mg/L	Y	J	J	N3B-2019-786	CASA-19-166002	GELC
R-43 S1	903.9	05/10/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.498	—	—	0.33	mg/L	Y	J	J	N3B-2019-1877	CASA-19-175196	GELC
R-43 S1	903.9	07/11/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.59	—	—	0.33	mg/L	Y	J	J	N3B-2019-2508	CASA-19-182710	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.665	—	—	0.33	mg/L	Y	J	J	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.639	—	—	0.33	mg/L	Y	J	J	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	07/17/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	—	0.02	mg/L	Y	U	U	N3B-2018-3053	CASA-18-159871	GELC
R-43 S1	903.9	11/08/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	—	0.02	mg/L	Y	U	U	N3B-2019-425	CASA-19-164013	GELC
R-43 S1	903.9	11/08/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	—	0.02	mg/L	Y	U	U	N3B-2019-425	CASA-19-164028	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0341	—	—	0.02	mg/L	Y	J	U	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0263	—	—	0.02	mg/L	Y	J	U	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.078	—	—	0.02	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.118	—	—	0.02	mg/L	Y	—	NQ	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.119	—	—	0.02	mg/L	Y	—	NQ	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	05/21/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.099	—	—	0.067	µg/L	Y	J	J	2018-2595	CASA-18-154772	GELC
R-43 S1	903.9	07/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.145	—	—	0.067	µg/L	Y	J	J	N3B-2018-3053	CASA-18-159871	GELC
R-43 S1	903.9	11/08/2018	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.102	—	—	0.067	µg/L	Y	J	J	N3B-2019-425	CASA-19-164013	GELC
R-43 S1	903.9	11/08/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.105	—	—	0.067	µg/L	Y	J	J	N3B-2019-425	CASA-19-164028	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.11	—	—	0.067	µg/L	Y	J	J	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.103	—	—	0.067	µg/L	Y	J	J	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.104	—	—	0.067	µg/L	Y	J	J	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Uranium	U	Y	0.104	—	—	0.067	µg/L	Y	J	J	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	11/07/2012	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.0741	0.0167	0.0669	—	pCi/L	Y	—	J	2013-286	CASA-13-24213	GELC
R-43 S1	903.9	11/21/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.102	0.0157	0.0402	—	pCi/L	Y	—	NQ	2015-415	CASA-15-90253	GELC
R-43 S1	903.9	11/18/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.112	0.0172	0.0703	—	pCi/L	Y	—	NQ	2016-375	CASA-16-106244	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-43 S1	903.9	11/09/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.187	0.0225	0.119	—	pCi/L	Y	—	NQ	2018-854	CASA-18-148000	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.0743	0.0183	0.0645	—	pCi/L	Y	—	NQ	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.107	0.0189	0.0583	—	pCi/L	Y	—	NQ	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/07/2012	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0	0.00476	0.042	—	pCi/L	Y	U	U	2013-286	CASA-13-24213	GELC
R-43 S1	903.9	11/21/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0121	0.00642	0.035	—	pCi/L	Y	U	U	2015-415	CASA-15-90253	GELC
R-43 S1	903.9	11/18/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00266	0.00461	0.0613	—	pCi/L	Y	U	U	2016-375	CASA-16-106244	GELC
R-43 S1	903.9	11/09/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0386	0.0122	0.0517	—	pCi/L	Y	U	U	2018-854	CASA-18-148000	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00388	0.00615	0.0462	—	pCi/L	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.015	0.0093	0.0418	—	pCi/L	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/07/2012	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.034	0.0114	0.0455	—	pCi/L	Y	U	U	2013-286	CASA-13-24213	GELC
R-43 S1	903.9	11/21/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.049	0.0116	0.0385	—	pCi/L	Y	—	NQ	2015-415	CASA-15-90253	GELC
R-43 S1	903.9	11/18/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0624	0.0124	0.0694	—	pCi/L	Y	U	U	2016-375	CASA-16-106244	GELC
R-43 S1	903.9	11/09/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0528	0.014	0.0699	—	pCi/L	Y	U	U	2018-854	CASA-18-148000	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0605	0.0147	0.0754	—	pCi/L	Y	U	U	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0506	0.0136	0.0682	—	pCi/L	Y	U	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	01/23/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.2	—	—	1	µg/L	Y	—	NQ	2018-1544	CASA-18-1	GELC
R-43 S1	903.9	01/23/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.45	—	—	1	µg/L	Y	—	NQ	2018-1544	CASA-18-150819	GELC
R-43 S1	903.9	05/21/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.83	—	—	1	µg/L	Y	—	NQ	2018-2595	CASA-18-154772	GELC
R-43 S1	903.9	07/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.38	—	—	1	µg/L	Y	—	NQ	N3B-2018-3053	CASA-18-159871	GELC
R-43 S1	903.9	11/08/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.91	—	—	1	µg/L	Y	—	NQ	N3B-2019-425	CASA-19-164013	GELC
R-43 S1	903.9	11/08/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.62	—	—	1	µg/L	Y	—	NQ	N3B-2019-425	CASA-19-164028	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.07	—	—	1	µg/L	Y	—	NQ	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.52	—	—	1	µg/L	Y	—	NQ	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.97	—	—	1	µg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.2	—	—	1	µg/L	Y	—	NQ	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.21	—	—	1	µg/L	Y	—	NQ	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	01/23/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	2018-1544	CASA-18-1	GELC
R-43 S1	903.9	01/23/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	2018-1544	CASA-18-150819	GELC
R-43 S1	903.9	05/21/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	4.44	—	—	3.3	µg/L	Y	J	J	2018-2595	CASA-18-154772	GELC
R-43 S1	903.9	07/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	3.66	—	—	3.3	µg/L	Y	J	J	N3B-2018-3053	CASA-18-159871	GELC
R-43 S1	903.9	11/08/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Zinc	Zn	Y	6.58	—	—	3.3	µg/L	Y	J	J	N3B-2019-425	CASA-19-164013	GELC
R-43 S1	903.9	11/08/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	6.47	—	—	3.3	µg/L	Y	J	J	N3B-2019-425	CASA-19-164028	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	36.8	—	—	3.3	µg/L	Y	—	NQ	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	7.16	—	—	3.3	µg/L	Y	J	J	N3B-2019-2508	CASA-19-182709	GELC
R-43 S2	969.1	11/15/2011	WG	UF	INIT	FD	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3.5	µg/L	Y	U	UJ	12-345	CASA-12-1397	GELC
R-43 S2	969.1	11/19/2013	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3	µg/L	Y	U	U	2014-2514	CASA-14-45709	GELC
R-43 S2	969.1	11/18/2015	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3	µg/L	Y	U	UJ	2016-375	CASA-16-106245	GELC
R-43 S2	969.1	11/09/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	—	1.5	µg/L	Y	U	U	2018-854	CASA-18-148001	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	1.76	—	—	1.5	µg/L	Y	J	J	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	01/24/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.73	—	—	0.01	SU	Y	H	NQ	2018-1557	CASA-18-150821	GELC
R-43 S2	969.1	05/17/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.82	—	—	0.01	SU	Y	H	NQ	2018-2582	CASA-18-154774	GELC
R-43 S2	969.1	07/18/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.77	—	—	0.01	SU	Y	H	NQ	N3B-2018-3095	CASA-18-159873	GELC
R-43 S2	969.1	11/08/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.89	—	—	0.01	SU	Y	H	NQ	N3B-2019-425	CASA-19-164030	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.71	—	—	0.01	SU	Y	H	NQ	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.81	—	—	0.01	SU	Y	H	NQ	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.93	—	—	0.01	SU	Y	H	NQ	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.74	—	—	0.01	SU	Y	H	NQ	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.84	—	—	0.01	SU	Y	H	NQ	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	01/24/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	11.2	—	—	1.45	mg/L	Y	—	NQ	2018-1557	CASA-18-150821	GELC
R-43 S2	969.1	05/17/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	10	—	—	1.45	mg/L	Y	—	NQ	2018-2582	CASA-18-154774	GELC
R-43 S2	969.1	07/18/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	8.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2018-3095	CASA-18-159873	GELC
R-43 S2	969.1	11/08/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	12.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-425	CASA-19-164030	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	8.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-792	CASA-19-166003	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	8.74	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	9.14	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	9.54	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	01/24/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.6	—	—	1.45	mg/L	Y	—	NQ	2018-1557	CASA-18-150821	GELC
R-43 S2	969.1	05/17/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.4	—	—	1.45	mg/L	Y	—	NQ	2018-2582	CASA-18-154774	GELC
R-43 S2	969.1	07/18/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2018-3095	CASA-18-159873	GELC
R-43 S2	969.1	11/08/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-425	CASA-19-164030	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	69.5	—	—	1.45	mg/L	Y	H	NQ	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	68.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	11/07/2012	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00757	0.00719	0.0254	—	pCi/L	Y	U	U	2013-286	CASA-13-24214	GELC
R-43 S2	969.1	11/21/2014	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00862	0.0076	0.06	—	pCi/L	Y	U	U	2015-415	CASA-15-90254	GELC
R-43 S2	969.1	11/18/2015	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00314	0.0121	0.0423	—	pCi/L	Y	U	U	2016-375	CASA-16-106245	GELC
R-43 S2	969.1	11/09/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0034	0.0068	0.0303	—	pCi/L	Y	U	U	2018-854	CASA-18-148001	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.00428	0.0429	—	pCi/L	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	01/24/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.103	—	—	0.017	mg/L	Y	—	NQ	2018-1557	CASA-18-150821	GELC
R-43 S2	969.1	05/17/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.017	mg/L	Y	U	U	2018-2582	CASA-18-154774	GELC
R-43 S2	969.1	07/18/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0591	—	—	0.017	mg/L	Y	—	NQ	N3B-2018-3095	CASA-18-159873	GELC
R-43 S2	969.1	11/08/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0495	—	—	0.017	mg/L	Y	J	J	N3B-2019-425	CASA-19-164030	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0661	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.028	—	—	0.017	mg/L	Y	J	J	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0263	—	—	0.017	mg/L	Y	J	J	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.108	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	01/24/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.14	—	—	2	µg/L	Y	J	J	2018-1557	CASA-18-150821	GELC
R-43 S2	969.1	05/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.96	—	—	2	µg/L	Y	J	J	2018-2582	CASA-18-154774	GELC
R-43 S2	969.1	07/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.87	—	—	2	µg/L	Y	J	J	N3B-2018-3095	CASA-18-159873	GELC
R-43 S2	969.1	11/08/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.95	—	—	2	µg/L	Y	J	J	N3B-2019-425	CASA-19-164030	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.46	—	—	2	µg/L	Y	J	J	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.9	—	—	2	µg/L	Y	J	J	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	Y	3.39	—	—	2	µg/L	Y	J	J	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.24	—	—	2	µg/L	Y	J	J	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	3.11	—	—	2	µg/L	Y	J	J	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	01/24/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	24.4	—	—	1	µg/L	Y	—	NQ	2018-1557	CASA-18-150821	GELC
R-43 S2	969.1	05/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	23.5	—	—	1	µg/L	Y	—	NQ	2018-2582	CASA-18-154774	GELC
R-43 S2	969.1	07/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	24.7	—	—	1	µg/L	Y	—	NQ	N3B-2018-3095	CASA-18-159873	GELC
R-43 S2	969.1	11/08/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	25.9	—	—	1	µg/L	Y	—	NQ	N3B-2019-425	CASA-19-164030	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	22.4	—	—	1	µg/L	Y	—	NQ	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	22.5	—	—	1	µg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	24.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	24.8	—	—	1	µg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	24.2	—	—	1	µg/L	Y	—	NQ	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	11/15/2011	WG	UF	INIT	FD	SVOC	SW-846:8270C	Benzoic Acid	65-85-0	N	21.7	—	—	6.5	µg/L	Y	U	U	12-345	CASA-12-1397	GELC
R-43 S2	969.1	11/19/2013	WG	UF	INIT	REG	SVOC	SW-846:8270C	Benzoic Acid	65-85-0	N	20.8	—	—	6.25	µg/L	Y	U	U	2014-2514	CASA-14-45709	GELC
R-43 S2	969.1	11/18/2015	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	10.4	—	—	3.13	µg/L	Y	U	U	2016-375	CASA-16-106245	GELC
R-43 S2	969.1	11/09/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.25	—	—	6.25	µg/L	Y	U	U	2018-854	CASA-18-148001	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	Y	16.5	—	—	6.38	µg/L	Y	J	J	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	01/24/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	34	—	—	15	µg/L	Y	J	J	2018-1557	CASA-18-150821	GELC
R-43 S2	969.1	05/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	2018-2582	CASA-18-154774	GELC
R-43 S2	969.1	07/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	32.7	—	—	15	µg/L	Y	J	J	N3B-2018-3095	CASA-18-159873	GELC
R-43 S2	969.1	11/08/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	34.5	—	—	15	µg/L	Y	J	J	N3B-2019-425	CASA-19-164030	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	20.9	—	—	15	µg/L	Y	J	J	N3B-2019-792	CASA-19-166003	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	30.4	—	—	15	µg/L	Y	J	J	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	Y	29.9	—	—	15	µg/L	Y	J	J	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	30.5	—	—	15	µg/L	Y	J	J	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	30.2	—	—	15	µg/L	Y	J	J	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	01/24/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.9	—	—	0.05	mg/L	Y	—	NQ	2018-1557	CASA-18-150821	GELC
R-43 S2	969.1	05/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.1	—	—	0.05	mg/L	Y	—	NQ	2018-2582	CASA-18-154774	GELC
R-43 S2	969.1	07/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	18	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-3095	CASA-18-159873	GELC
R-43 S2	969.1	11/08/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-425	CASA-19-164030	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	15.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	11/07/2012	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.62	1.35	4.71	—	pCi/L	Y	U	U	2013-286	CASA-13-24214	GELC
R-43 S2	969.1	11/21/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.666	1.6	5.74	—	pCi/L	Y	U	U	2015-415	CASA-15-90254	GELC
R-43 S2	969.1	11/18/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.97	1.31	3.84	—	pCi/L	Y	U	U	2016-375	CASA-16-106245	GELC
R-43 S2	969.1	11/09/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.605	1.17	4.25	—	pCi/L	Y	U	U	2018-854	CASA-18-148001	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.131	1.13	4.37	—	pCi/L	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	01/24/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.94	—	—	0.067	mg/L	Y	—	NQ	2018-1557	CASA-18-150821	GELC
R-43 S2	969.1	05/17/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.19	—	—	0.067	mg/L	Y	—	NQ	2018-2582	CASA-18-154774	GELC
R-43 S2	969.1	07/18/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.39	—	—	0.067	mg/L	Y	—	NQ	N3B-2018-3095	CASA-18-159873	GELC
R-43 S2	969.1	11/08/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.59	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-425	CASA-19-164030	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.37	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.47	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.97	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.99	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	7.39	—	—	0.067	mg/L	Y	—	J+	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	01/24/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	18.7	—	—	3	µg/L	Y	—	NQ	2018-1557	CASA-18-150821	GELC
R-43 S2	969.1	05/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	21.5	—	—	3	µg/L	Y	—	NQ	2018-2582	CASA-18-154774	GELC
R-43 S2	969.1	07/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	21.8	—	—	3	µg/L	Y	—	NQ	N3B-2018-3095	CASA-18-159873	GELC
R-43 S2	969.1	11/08/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	25.2	—	—	3	µg/L	Y	—	NQ	N3B-2019-425	CASA-19-164030	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	24.6	—	—	3	µg/L	Y	—	NQ	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	29.6	—	—	3	µg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	32.4	—	—	3	µg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	31.6	—	—	3	µg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	32.1	—	—	3	µg/L	Y	—	NQ	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	11/07/2012	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.326	1.53	5.52	—	pCi/L	Y	U	U	2013-286	CASA-13-24214	GELC
R-43 S2	969.1	11/21/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-2.35	1.58	5.11	—	pCi/L	Y	U	U	2015-415	CASA-15-90254	GELC
R-43 S2	969.1	11/18/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.735	1.13	4.26	—	pCi/L	Y	U	U	2016-375	CASA-16-106245	GELC
R-43 S2	969.1	11/09/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.397	1.02	4.11	—	pCi/L	Y	U	U	2018-854	CASA-18-148001	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.19	1.54	6.59	—	pCi/L	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	01/24/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.211	—	—	0.033	mg/L	Y	—	NQ	2018-1557	CASA-18-150821	GELC
R-43 S2	969.1	05/17/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.281	—	—	0.033	mg/L	Y	—	NQ	2018-2582	CASA-18-154774	GELC
R-43 S2	969.1	07/18/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.348	—	—	0.033	mg/L	Y	—	NQ	N3B-2018-3095	CASA-18-159873	GELC
R-43 S2	969.1	11/08/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.289	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-425	CASA-19-164030	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.256	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.376	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.576	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.576	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.466	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	11/07/2012	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2	0.977	2.96	—	pCi/L	Y	U	U	2013-286	CASA-13-24214	GELC
R-43 S2	969.1	11/21/2014	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.0581	0.557	1.91	—	pCi/L	Y	U	U	2015-415	CASA-15-90254	GELC
R-43 S2	969.1	11/18/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.375	0.79	2.98	—	pCi/L	Y	U	U	2016-375	CASA-16-106245	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-43 S2	969.1	11/09/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.401	0.357	1.54	—	pCi/L	Y	U	U	2018-854	CASA-18-148001	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.24	0.805	2.63	—	pCi/L	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/07/2012	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.13	0.785	2.36	—	pCi/L	Y	U	U	2013-286	CASA-13-24214	GELC
R-43 S2	969.1	11/21/2014	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.936	0.726	2.44	—	pCi/L	Y	U	U	2015-415	CASA-15-90254	GELC
R-43 S2	969.1	11/18/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	-0.868	0.71	2.94	—	pCi/L	Y	U	U	2016-375	CASA-16-106245	GELC
R-43 S2	969.1	11/09/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.247	0.586	2.15	—	pCi/L	Y	U	U	2018-854	CASA-18-148001	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.31	0.621	2.01	—	pCi/L	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	01/24/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	62.1	—	—	0.453	mg/L	Y	—	NQ	2018-1557	CASA-18-150821	GELC
R-43 S2	969.1	05/17/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	58.8	—	—	0.453	mg/L	Y	—	NQ	2018-2582	CASA-18-154774	GELC
R-43 S2	969.1	07/18/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	62.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2018-3095	CASA-18-159873	GELC
R-43 S2	969.1	11/08/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	63.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-425	CASA-19-164030	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	56.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	54.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	59.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	59.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	59.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	05/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	—	0.5	µg/L	Y	U	U	2018-2582	CASA-18-154774	GELC
R-43 S2	969.1	07/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	—	0.5	µg/L	Y	U	U	N3B-2018-3095	CASA-18-159873	GELC
R-43 S2	969.1	11/08/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	—	0.5	µg/L	Y	U	U	N3B-2019-425	CASA-19-164030	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	—	0.5	µg/L	Y	U	U	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	Y	0.646	—	—	0.5	µg/L	Y	J	J	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	01/24/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.21	—	—	0.11	mg/L	Y	—	NQ	2018-1557	CASA-18-150821	GELC
R-43 S2	969.1	05/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.92	—	—	0.11	mg/L	Y	—	NQ	2018-2582	CASA-18-154774	GELC
R-43 S2	969.1	07/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.17	—	—	0.11	mg/L	Y	—	NQ	N3B-2018-3095	CASA-18-159873	GELC
R-43 S2	969.1	11/08/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.77	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-425	CASA-19-164030	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.82	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.86	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.81	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.75	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.01	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	07/18/2018	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2018-3095	CASA-18-159873	GELC
R-43 S2	969.1	11/08/2018	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2019-425	CASA-19-164030	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	Y	0.139	—	—	0.067	µg/L	Y	J	J	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	01/24/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.34	—	—	0.2	µg/L	Y	—	NQ	2018-1557	CASA-18-150821	GELC
R-43 S2	969.1	05/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.33	—	—	0.2	µg/L	Y	—	NQ	2018-2582	CASA-18-154774	GELC
R-43 S2	969.1	07/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.36	—	—	0.2	µg/L	Y	—	NQ	N3B-2018-3095	CASA-18-159873	GELC
R-43 S2	969.1	11/08/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.35	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-425	CASA-19-164030	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.47	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.67	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.43	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.34	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.45	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	11/07/2012	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.692	2.52	9.14	—	pCi/L	Y	U	U	2013-286	CASA-13-24214	GELC
R-43 S2	969.1	11/21/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.16	3.41	12.2	—	pCi/L	Y	U	U	2015-415	CASA-15-90254	GELC
R-43 S2	969.1	11/18/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.62	2.75	9.15	—	pCi/L	Y	U	U	2016-375	CASA-16-106245	GELC
R-43 S2	969.1	11/09/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.769	2.27	8.43	—	pCi/L	Y	U	U	2018-854	CASA-18-148001	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.8	2.43	9.36	—	pCi/L	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	01/24/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.51	—	—	0.17	mg/L	Y	—	NQ	2018-1557	CASA-18-150821	GELC
R-43 S2	969.1	05/17/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.63	—	—	0.17	mg/L	Y	—	NQ	2018-2582	CASA-18-154774	GELC
R-43 S2	969.1	07/18/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.79	—	—	0.17	mg/L	Y	—	NQ	N3B-2018-3095	CASA-18-159873	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-43 S2	969.1	11/08/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.86	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-425	CASA-19-164030	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.81	—	—	0.17	mg/L	Y	—	NQ	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.9	—	—	0.17	mg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.79	—	—	0.17	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.66	—	—	0.17	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	4.18	—	—	0.17	mg/L	Y	—	NQ	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	01/24/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.857	—	—	0.05	µg/L	Y	—	NQ	2018-1557	CASA-18-150821	GELC
R-43 S2	969.1	05/17/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.875	—	—	0.05	µg/L	Y	—	NQ	2018-2582	CASA-18-154774	GELC
R-43 S2	969.1	07/18/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.899	—	—	0.05	µg/L	Y	—	NQ	N3B-2018-3095	CASA-18-159873	GELC
R-43 S2	969.1	11/08/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.916	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-425	CASA-19-164030	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.877	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.953	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.918	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.899	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.903	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanoic acid	335-67-1	Y	0.802	—	—	0.626	ng/L	Y	J	J	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/07/2012	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00337	0.0053	0.0232	—	pCi/L	Y	U	U	2013-286	CASA-13-24214	GELC
R-43 S2	969.1	11/21/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.000000000707	0.00519	0.0284	—	pCi/L	Y	U	U	2015-415	CASA-15-90254	GELC
R-43 S2	969.1	11/18/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00843	0.00667	0.0247	—	pCi/L	Y	U	U	2016-375	CASA-16-106245	GELC
R-43 S2	969.1	11/09/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.0149	0.0894	—	pCi/L	Y	U	U	2018-854	CASA-18-148001	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00823	0.0091	0.0497	—	pCi/L	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/07/2012	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00669	0.0073	0.0383	—	pCi/L	Y	U	U	2013-286	CASA-13-24214	GELC
R-43 S2	969.1	11/21/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00212	0.00367	0.0419	—	pCi/L	Y	U	U	2015-415	CASA-15-90254	GELC
R-43 S2	969.1	11/18/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00421	0.00666	0.0474	—	pCi/L	Y	U	U	2016-375	CASA-16-106245	GELC
R-43 S2	969.1	11/09/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0242	0.0171	0.128	—	pCi/L	Y	U	U	2018-854	CASA-18-148001	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00823	0.00823	0.0483	—	pCi/L	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	01/24/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.34	—	—	0.05	mg/L	Y	—	NQ	2018-1557	CASA-18-150821	GELC
R-43 S2	969.1	05/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.35	—	—	0.05	mg/L	Y	—	NQ	2018-2582	CASA-18-154774	GELC
R-43 S2	969.1	07/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.37	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-3095	CASA-18-159873	GELC
R-43 S2	969.1	11/08/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.45	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-425	CASA-19-164030	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.26	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.33	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	1.36	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.35	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	11/07/2012	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-23.7	15.8	47.1	—	pCi/L	Y	U	U	2013-286	CASA-13-24214	GELC
R-43 S2	969.1	11/21/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	10.3	21.1	81.1	—	pCi/L	Y	U	U	2015-415	CASA-15-90254	GELC
R-43 S2	969.1	11/18/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-2.73	16.2	60.1	—	pCi/L	Y	U	U	2016-375	CASA-16-106245	GELC
R-43 S2	969.1	11/09/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	1.23	17.3	68.7	—	pCi/L	Y	U	U	2018-854	CASA-18-148001	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-36.1	19.9	61.6	—	pCi/L	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.519	0.193	0.532	—	pCi/L	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	3.49	0.392	—	—	pCi/L	Y	—	NQ	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	Y	2.98	0.341	0.739	—	pCi/L	Y	—	NQ	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	01/24/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.6	—	—	0.053	mg/L	Y	—	NQ	2018-1557	CASA-18-150821	GELC
R-43 S2	969.1	05/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.5	—	—	0.053	mg/L	Y	—	NQ	2018-2582	CASA-18-154774	GELC
R-43 S2	969.1	07/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	71	—	—	0.053	mg/L	Y	—	NQ	N3B-2018-3095	CASA-18-159873	GELC
R-43 S2	969.1	11/08/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-425	CASA-19-164030	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	66	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	64.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	01/24/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	13.3	—	—	0.1	mg/L	Y	—	NQ	2018-1557	CASA-18-150821	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-43 S2	969.1	05/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	14.1	—	—	0.1	mg/L	Y	—	NQ	2018-2582	CASA-18-154774	GELC
R-43 S2	969.1	07/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	14.7	—	—	0.1	mg/L	Y	—	NQ	N3B-2018-3095	CASA-18-159873	GELC
R-43 S2	969.1	11/08/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	15.6	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-425	CASA-19-164030	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	13.5	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	13.6	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	13.9	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	14	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	14.7	—	—	0.1	mg/L	Y	N	J-	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	11/07/2012	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.54	1.11	4.8	—	pCi/L	Y	U	U	2013-286	CASA-13-24214	GELC
R-43 S2	969.1	11/21/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	2.6	1.8	7.64	—	pCi/L	Y	U	U	2015-415	CASA-15-90254	GELC
R-43 S2	969.1	11/18/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.493	1.12	4.15	—	pCi/L	Y	U	U	2016-375	CASA-16-106245	GELC
R-43 S2	969.1	11/09/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.0562	0.82	3.7	—	pCi/L	Y	U	U	2018-854	CASA-18-148001	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.136	1.42	5.61	—	pCi/L	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	01/24/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	194	—	—	1	µS/cm	Y	—	NQ	2018-1557	CASA-18-150821	GELC
R-43 S2	969.1	05/17/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	193	—	—	1	µS/cm	Y	—	NQ	2018-2582	CASA-18-154774	GELC
R-43 S2	969.1	07/18/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	191	—	—	1	µS/cm	Y	—	NQ	N3B-2018-3095	CASA-18-159873	GELC
R-43 S2	969.1	11/08/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	193	—	—	1	µS/cm	Y	—	NQ	N3B-2019-425	CASA-19-164030	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	193	—	—	1	µS/cm	Y	—	NQ	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	195	—	—	1	µS/cm	Y	—	NQ	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	194	—	—	1	µS/cm	Y	—	NQ	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	196	—	—	1	µS/cm	Y	—	NQ	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	171	—	—	1	µS/cm	Y	—	NQ	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	01/24/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	90.1	—	—	1	µg/L	Y	—	NQ	2018-1557	CASA-18-150821	GELC
R-43 S2	969.1	05/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	98.6	—	—	1	µg/L	Y	—	NQ	2018-2582	CASA-18-154774	GELC
R-43 S2	969.1	07/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	100	—	—	1	µg/L	Y	—	NQ	N3B-2018-3095	CASA-18-159873	GELC
R-43 S2	969.1	11/08/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	105	—	—	1	µg/L	Y	—	NQ	N3B-2019-425	CASA-19-164030	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	91.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	91.9	—	—	1	µg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	98.1	—	—	1	µg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	97.7	—	—	1	µg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	98.1	—	—	1	µg/L	Y	—	NQ	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	11/07/2012	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0515	0.123	0.463	—	pCi/L	Y	U	U	2013-286	CASA-13-24214	GELC
R-43 S2	969.1	11/21/2014	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.164	0.117	0.495	—	pCi/L	Y	U	U	2015-415	CASA-15-90254	GELC
R-43 S2	969.1	11/18/2015	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.187	0.123	0.496	—	pCi/L	Y	U	U	2016-375	CASA-16-106245	GELC
R-43 S2	969.1	11/09/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.371	0.144	0.438	—	pCi/L	Y	U	U	2018-854	CASA-18-148001	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.361	0.152	0.482	—	pCi/L	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	01/24/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	8.81	—	—	0.133	mg/L	Y	—	NQ	2018-1557	CASA-18-150821	GELC
R-43 S2	969.1	05/17/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	9.15	—	—	0.133	mg/L	Y	—	NQ	2018-2582	CASA-18-154774	GELC
R-43 S2	969.1	07/18/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	9.39	—	—	0.133	mg/L	Y	—	NQ	N3B-2018-3095	CASA-18-159873	GELC
R-43 S2	969.1	11/08/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	9.89	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-425	CASA-19-164030	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	9.44	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	9.53	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	10.1	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	10.1	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	10.8	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	01/24/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-1557	CASA-18-150821	GELC
R-43 S2	969.1	01/24/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-1557	CASA-18-150822	GELC
R-43 S2	969.1	05/17/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	2018-2582	CASA-18-154774	GELC
R-43 S2	969.1	05/17/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	2018-2582	CASA-18-154775	GELC
R-43 S2	969.1	07/18/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2018-3095	CASA-18-159873	GELC
R-43 S2	969.1	07/18/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2018-3095	CASA-18-159874	GELC
R-43 S2	969.1	11/08/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-425	CASA-19-164030	GELC
R-43 S2	969.1	11/08/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-425	CASA-19-164031	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	01/22/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-792	CASA-19-166004	GELC
R-43 S2	969.1	05/16/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-1943	CASA-19-175198	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	07/11/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-2508	CASA-19-182712	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	07/11/2019	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-2508	CASA-19-182714	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	5	—	—	—	deg C	Y	—	NQ	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	5	—	—	—	deg C	Y	—	NQ	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	05/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	2018-2582	CASA-18-154774	GELC
R-43 S2	969.1	07/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	3.83	—	—	2.5	µg/L	Y	J	U	N3B-2018-3095	CASA-18-159873	GELC
R-43 S2	969.1	11/08/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	4.5	—	—	2.5	µg/L	Y	J	J	N3B-2019-425	CASA-19-164030	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	11.7	—	—	2.5	µg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	01/24/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	147	—	—	3.4	mg/L	Y	—	NQ	2018-1557	CASA-18-150821	GELC
R-43 S2	969.1	05/17/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	167	—	—	3.4	mg/L	Y	—	NQ	2018-2582	CASA-18-154774	GELC
R-43 S2	969.1	07/18/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	160	—	—	3.4	mg/L	Y	—	NQ	N3B-2018-3095	CASA-18-159873	GELC
R-43 S2	969.1	11/08/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	159	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-425	CASA-19-164030	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	136	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	184	—	—	3.4	mg/L	Y	H	NQ	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	163	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	124	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	77.1	—	—	3.4	mg/L	Y	—	J+	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	05/17/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0401	—	—	0.033	mg/L	Y	J	U	2018-2582	CASA-18-154775	GELC
R-43 S2	969.1	07/18/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.091	—	—	0.033	mg/L	Y	J	J	N3B-2018-3095	CASA-18-159874	GELC
R-43 S2	969.1	11/08/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2019-425	CASA-19-164031	GELC
R-43 S2	969.1	01/22/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2019-792	CASA-19-166004	GELC
R-43 S2	969.1	05/16/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0395	—	—	0.033	mg/L	Y	J	J	N3B-2019-1991	CASA-19-175198	GELC
R-43 S2	969.1	01/24/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.499	—	—	0.33	mg/L	Y	J	J	2018-1557	CASA-18-150822	GELC
R-43 S2	969.1	05/17/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.54	—	—	0.33	mg/L	Y	J	J	2018-2582	CASA-18-154775	GELC
R-43 S2	969.1	07/18/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.474	—	—	0.33	mg/L	Y	J	J	N3B-2018-3095	CASA-18-159874	GELC
R-43 S2	969.1	11/08/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.39	—	—	0.33	mg/L	Y	J	J	N3B-2019-425	CASA-19-164031	GELC
R-43 S2	969.1	01/22/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.344	—	—	0.33	mg/L	Y	J	J	N3B-2019-792	CASA-19-166004	GELC
R-43 S2	969.1	05/16/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.902	—	—	0.33	mg/L	Y	J	J	N3B-2019-1991	CASA-19-175198	GELC
R-43 S2	969.1	07/11/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.714	—	—	0.33	mg/L	Y	J	J	N3B-2019-2508	CASA-19-182712	GELC
R-43 S2	969.1	07/11/2019	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.806	—	—	0.33	mg/L	Y	J	J	N3B-2019-2508	CASA-19-182714	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.815	—	—	0.33	mg/L	Y	J	J	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Total PFAS	PFAS-Tot-3a	Y	0.802	—	—	1.79	ng/L	—	J	—	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	05/17/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0649	—	—	0.02	mg/L	Y	—	NQ	2018-2582	CASA-18-154774	GELC
R-43 S2	969.1	07/18/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.029	—	—	0.02	mg/L	Y	J	U	N3B-2018-3095	CASA-18-159873	GELC
R-43 S2	969.1	11/08/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	—	0.02	mg/L	Y	U	U	N3B-2019-425	CASA-19-164030	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0243	—	—	0.02	mg/L	Y	J	U	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0234	—	—	0.02	mg/L	Y	J	J	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0714	—	—	0.02	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.47	—	—	0.02	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	11/18/2015	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.117	0.7	2.371	—	pCi/L	Y	U	U	2016-378	CASA-16-106245	ARSL
R-43 S2	969.1	11/14/2016	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.685	0.693	2.286	—	pCi/L	Y	U	U	2017-494	CASA-17-127276	ARSL
R-43 S2	969.1	11/09/2017	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.926	0.678	2.305	—	pCi/L	Y	QU	U	2018-932	CASA-18-148001	ARSL
R-43 S2	969.1	11/08/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.855	0.833	2.549	—	pCi/L	Y	U	U	N3B-2019-480	CASA-19-164031	ARSL
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.021	0.889	2.903	—	pCi/L	Y	U	U	N3B-2020-282	CASA-20-189225	ARSL
R-43 S2	969.1	01/24/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.4	—	—	0.067	µg/L	Y	—	NQ	2018-1557	CASA-18-150821	GELC
R-43 S2	969.1	05/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.402	—	—	0.067	µg/L	Y	—	NQ	2018-2582	CASA-18-154774	GELC
R-43 S2	969.1	07/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.387	—	—	0.067	µg/L	Y	—	NQ	N3B-2018-3095	CASA-18-159873	GELC
R-43 S2	969.1	11/08/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.349	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-425	CASA-19-164030	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.443	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.315	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.321	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.302	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.321	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	11/07/2012	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.824	0.0513	0.0702	—	pCi/L	Y	—	NQ	2013-286	CASA-13-24214	GELC
R-43 S2	969.1	11/21/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.737	0.0389	0.0393	—	pCi/L	Y	—	NQ	2015-415	CASA-15-90254	GELC
R-43 S2	969.1	11/18/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.493	0.034	0.0732	—	pCi/L	Y	—	NQ	2016-375	CASA-16-106245	GELC
R-43 S2	969.1	11/09/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.478	0.0362	0.131	—	pCi/L	Y	—	NQ	2018-854	CASA-18-148001	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.288	0.0294	0.058	—	pCi/L	Y	—	NQ	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/07/2012	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.015	0.00917	0.0439	—	pCi/L	Y	U	U	2013-286	CASA-13-24214	GELC
R-43 S2	969.1	11/21/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0285	0.0111	0.0343	—	pCi/L	Y	U	U	2015-415	CASA-15-90254	GELC
R-43 S2	969.1	11/18/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0111	0.00876	0.0638	—	pCi/L	Y	U	U	2016-375	CASA-16-106245	GELC
R-43 S2	969.1	11/09/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.052	0.0145	0.0566	—	pCi/L	Y	U	U	2018-854	CASA-18-148001	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00981	0.00731	0.0413	—	pCi/L	Y	U	U	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/07/2012	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.318	0.033	0.0477	—	pCi/L	Y	—	NQ	2013-286	CASA-13-24214	GELC
R-43 S2	969.1	11/21/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.29	0.0244	0.0377	—	pCi/L	Y	—	NQ	2015-415	CASA-15-90254	GELC
R-43 S2	969.1	11/18/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.256	0.0243	0.0723	—	pCi/L	Y	—	NQ	2016-375	CASA-16-106245	GELC
R-43 S2	969.1	11/09/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.2	0.0235	0.0765	—	pCi/L	Y	—	NQ	2018-854	CASA-18-148001	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.122	0.0191	0.068	—	pCi/L	Y	—	NQ	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	01/24/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	8.03	—	—	1	µg/L	Y	—	NQ	2018-1557	CASA-18-150821	GELC
R-43 S2	969.1	05/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	8.22	—	—	1	µg/L	Y	—	NQ	2018-2582	CASA-18-154774	GELC
R-43 S2	969.1	07/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	8.12	—	—	1	µg/L	Y	—	NQ	N3B-2018-3095	CASA-18-159873	GELC
R-43 S2	969.1	11/08/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	8.57	—	—	1	µg/L	Y	—	NQ	N3B-2019-425	CASA-19-164030	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.39	—	—	1	µg/L	Y	—	NQ	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.4	—	—	1	µg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.83	—	—	1	µg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	8.13	—	—	1	µg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.67	—	—	1	µg/L	Y	—	NQ	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	07/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	5.1	—	—	3.3	µg/L	Y	J	U	N3B-2018-3095	CASA-18-159873	GELC
R-43 S2	969.1	11/08/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	4.68	—	—	3.3	µg/L	Y	J	J	N3B-2019-425	CASA-19-164030	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	7.5	—	—	3.3	µg/L	Y	J	U	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Zinc	Zn	Y	4.6	—	—	3.3	µg/L	Y	J	J	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	7.43	—	—	3.3	µg/L	Y	J	J	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	4.2	—	—	3.3	µg/L	Y	J	J	N3B-2020-275	CASA-20-189224	GELC
R-44 S1	895.0	11/17/2011	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3.5	µg/L	Y	U	UJ	12-377	CAMO-12-1500	GELC
R-44 S1	895.0	11/06/2013	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3	µg/L	Y	UH	U	2014-2411	CAMO-14-45750	GELC
R-44 S1	895.0	11/12/2015	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3	µg/L	Y	UH	UJ	2016-334	CAMO-16-106105	GELC
R-44 S1	895.0	11/20/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	—	1.5	µg/L	Y	U	U	2018-1038	CAMO-18-148077	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	1.89	—	—	1.5	µg/L	Y	J	J	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	09/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.97	—	—	0.01	SU	Y	H	NQ	N3B-2018-3903	CAMO-18-160789	GELC
R-44 S1	895.0	10/29/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.87	—	—	0.01	SU	Y	H	NQ	N3B-2019-289	CAMO-19-163710	GELC
R-44 S1	895.0	11/20/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.84	—	—	0.01	SU	Y	H	NQ	N3B-2019-526	CAMO-19-163986	GELC
R-44 S1	895.0	12/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.89	—	—	0.01	SU	Y	H	NQ	N3B-2019-699	CAMO-19-164852	GELC
R-44 S1	895.0	01/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.83	—	—	0.01	SU	Y	H	NQ	N3B-2019-792	CAMO-19-165972	GELC
R-44 S1	895.0	02/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.84	—	—	0.01	SU	Y	H	NQ	N3B-2019-896	CAMO-19-166449	GELC
R-44 S1	895.0	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.99	—	—	0.01	SU	Y	H	NQ	N3B-2019-1209	CAMO-19-167696	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.88	—	—	0.01	SU	Y	H	NQ	N3B-2019-1640	CAMO-19-174813	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.79	—	—	0.01	SU	Y	H	NQ	N3B-2019-1640	CAMO-19-174816	GELC
R-44 S1	895.0	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.91	—	—	0.01	SU	Y	H	J-	N3B-2019-2011	CAMO-19-175148	GELC
R-44 S1	895.0	06/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.9	—	—	0.01	SU	Y	H	NQ	N3B-2019-2228	CAMO-19-181675	GELC
R-44 S1	895.0	07/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.89	—	—	0.01	SU	Y	H	NQ	N3B-2019-2530	CAMO-19-181836	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-44 S1	895.0	08/27/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.94	—	—	0.01	SU	Y	H	NQ	N3B-2019-3165	CAMO-19-184722	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.89	—	—	0.01	SU	Y	H	NQ	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.88	—	—	0.01	SU	Y	H	NQ	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	09/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	57.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2018-3903	CAMO-18-160789	GELC
R-44 S1	895.0	10/29/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	58	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-289	CAMO-19-163710	GELC
R-44 S1	895.0	11/20/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	58	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-526	CAMO-19-163986	GELC
R-44 S1	895.0	12/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	60	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164852	GELC
R-44 S1	895.0	01/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	60.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-792	CAMO-19-165972	GELC
R-44 S1	895.0	02/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-896	CAMO-19-166449	GELC
R-44 S1	895.0	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-1209	CAMO-19-167696	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-1640	CAMO-19-174813	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-1640	CAMO-19-174816	GELC
R-44 S1	895.0	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66.6	—	—	1.45	mg/L	Y	H	NQ	N3B-2019-2011	CAMO-19-175148	GELC
R-44 S1	895.0	06/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-2228	CAMO-19-181675	GELC
R-44 S1	895.0	07/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-2530	CAMO-19-181836	GELC
R-44 S1	895.0	08/27/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-3165	CAMO-19-184722	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	11/12/2012	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00252	0.00564	0.0287	—	pCi/L	Y	U	U	2013-307	CAMO-13-24245	GELC
R-44 S1	895.0	11/05/2014	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00225	0.0129	0.047	—	pCi/L	Y	U	U	2015-238	CAMO-15-90216	GELC
R-44 S1	895.0	11/12/2015	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00307	0.00922	0.0415	—	pCi/L	Y	U	U	2016-334	CAMO-16-106105	GELC
R-44 S1	895.0	11/20/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00689	0.00608	0.0409	—	pCi/L	Y	U	U	2018-1038	CAMO-18-148077	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00864	0.0104	0.0581	—	pCi/L	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	09/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0593	—	—	0.017	mg/L	Y	—	NQ	N3B-2018-3903	CAMO-18-160789	GELC
R-44 S1	895.0	10/29/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0482	—	—	0.017	mg/L	Y	J	J	N3B-2019-289	CAMO-19-163710	GELC
R-44 S1	895.0	11/20/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0183	—	—	0.017	mg/L	Y	J	U	N3B-2019-526	CAMO-19-163986	GELC
R-44 S1	895.0	12/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0275	—	—	0.017	mg/L	Y	J	U	N3B-2019-699	CAMO-19-164852	GELC
R-44 S1	895.0	01/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0318	—	—	0.017	mg/L	Y	J	J	N3B-2019-792	CAMO-19-165972	GELC
R-44 S1	895.0	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0223	—	—	0.017	mg/L	Y	J	J	N3B-2019-1209	CAMO-19-167696	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.105	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-1640	CAMO-19-174813	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0412	—	—	0.017	mg/L	Y	J	J	N3B-2019-1640	CAMO-19-174816	GELC
R-44 S1	895.0	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0415	—	—	0.017	mg/L	Y	J	J	N3B-2019-2011	CAMO-19-175148	GELC
R-44 S1	895.0	07/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.076	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-2530	CAMO-19-181836	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0701	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	09/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.56	—	—	2	µg/L	Y	J	J	N3B-2018-3903	CAMO-18-160789	GELC
R-44 S1	895.0	10/29/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.52	—	—	2	µg/L	Y	J	J	N3B-2019-289	CAMO-19-163710	GELC
R-44 S1	895.0	11/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.32	—	—	2	µg/L	Y	J	J	N3B-2019-526	CAMO-19-163986	GELC
R-44 S1	895.0	12/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.56	—	—	2	µg/L	Y	J	J	N3B-2019-699	CAMO-19-164852	GELC
R-44 S1	895.0	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.37	—	—	2	µg/L	Y	J	J	N3B-2019-792	CAMO-19-165972	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.46	—	—	2	µg/L	Y	J	J	N3B-2019-1640	CAMO-19-174813	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	Y	2.24	—	—	2	µg/L	Y	J	J	N3B-2019-1640	CAMO-19-174816	GELC
R-44 S1	895.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.54	—	—	2	µg/L	Y	J	J	N3B-2019-2011	CAMO-19-175148	GELC
R-44 S1	895.0	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2	—	—	2	µg/L	Y	J	J	N3B-2019-2228	CAMO-19-181675	GELC
R-44 S1	895.0	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.71	—	—	2	µg/L	Y	J	J	N3B-2019-2530	CAMO-19-181836	GELC
R-44 S1	895.0	08/27/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.78	—	—	2	µg/L	Y	J	J	N3B-2019-3165	CAMO-19-184722	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	3.9	—	—	2	µg/L	Y	J	J	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.1	—	—	2	µg/L	Y	J	J	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	09/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	20.9	—	—	1	µg/L	Y	—	NQ	N3B-2018-3903	CAMO-18-160789	GELC
R-44 S1	895.0	10/29/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	26	—	—	1	µg/L	Y	—	NQ	N3B-2019-289	CAMO-19-163710	GELC
R-44 S1	895.0	11/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	26.8	—	—	1	µg/L	Y	—	NQ	N3B-2019-526	CAMO-19-163986	GELC
R-44 S1	895.0	12/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	28.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164852	GELC
R-44 S1	895.0	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	32.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-792	CAMO-19-165972	GELC
R-44 S1	895.0	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	32.7	—	—	1	µg/L	Y	—	NQ	N3B-2019-896	CAMO-19-166449	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-44 S1	895.0	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	34.7	—	—	1	µg/L	Y	—	NQ	N3B-2019-1209	CAMO-19-167696	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	36.6	—	—	1	µg/L	Y	—	NQ	N3B-2019-1640	CAMO-19-174813	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	36.9	—	—	1	µg/L	Y	—	NQ	N3B-2019-1640	CAMO-19-174816	GELC
R-44 S1	895.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	34.5	—	—	1	µg/L	Y	*	NQ	N3B-2019-2011	CAMO-19-175148	GELC
R-44 S1	895.0	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	36.4	—	—	1	µg/L	Y	—	NQ	N3B-2019-2228	CAMO-19-181675	GELC
R-44 S1	895.0	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	40.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-2530	CAMO-19-181836	GELC
R-44 S1	895.0	08/27/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	40.3	—	—	1	µg/L	Y	—	NQ	N3B-2019-3165	CAMO-19-184722	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	40.1	—	—	1	µg/L	Y	—	NQ	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	38.4	—	—	1	µg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	10/29/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	15.2	—	—	15	µg/L	Y	J	J	N3B-2019-289	CAMO-19-163710	GELC
R-44 S1	895.0	11/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2019-526	CAMO-19-163986	GELC
R-44 S1	895.0	12/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2019-699	CAMO-19-164852	GELC
R-44 S1	895.0	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2019-792	CAMO-19-165972	GELC
R-44 S1	895.0	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	15.4	—	—	15	µg/L	Y	J	J	N3B-2019-896	CAMO-19-166449	GELC
R-44 S1	895.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	16.5	—	—	15	µg/L	Y	J	J	N3B-2019-2011	CAMO-19-175148	GELC
R-44 S1	895.0	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	17.4	—	—	15	µg/L	Y	J	J	N3B-2019-2530	CAMO-19-181836	GELC
R-44 S1	895.0	09/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0757	—	—	0.067	mg/L	Y	J	J	N3B-2018-3903	CAMO-18-160789	GELC
R-44 S1	895.0	10/29/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067	mg/L	Y	U	U	N3B-2019-289	CAMO-19-163710	GELC
R-44 S1	895.0	11/20/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.103	—	—	0.067	mg/L	Y	J	J	N3B-2019-526	CAMO-19-163986	GELC
R-44 S1	895.0	12/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.117	—	—	0.067	mg/L	Y	J	J	N3B-2019-699	CAMO-19-164852	GELC
R-44 S1	895.0	01/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0896	—	—	0.067	mg/L	Y	J	J	N3B-2019-792	CAMO-19-165972	GELC
R-44 S1	895.0	02/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.123	—	—	0.067	mg/L	Y	J	J	N3B-2019-896	CAMO-19-166449	GELC
R-44 S1	895.0	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.114	—	—	0.067	mg/L	Y	J	J	N3B-2019-1209	CAMO-19-167696	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.142	—	—	0.067	mg/L	Y	J	J	N3B-2019-1640	CAMO-19-174813	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.146	—	—	0.067	mg/L	Y	J	J	N3B-2019-1640	CAMO-19-174816	GELC
R-44 S1	895.0	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.139	—	—	0.067	mg/L	Y	J	J	N3B-2019-2011	CAMO-19-175148	GELC
R-44 S1	895.0	06/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.133	—	—	0.067	mg/L	Y	J	J	N3B-2019-2228	CAMO-19-181675	GELC
R-44 S1	895.0	07/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.138	—	—	0.067	mg/L	Y	J	J-	N3B-2019-2530	CAMO-19-181836	GELC
R-44 S1	895.0	08/27/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.149	—	—	0.067	mg/L	Y	J	J	N3B-2019-3165	CAMO-19-184722	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.153	—	—	0.067	mg/L	Y	J	J	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.157	—	—	0.067	mg/L	Y	J	J+	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	09/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	13	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-3903	CAMO-18-160789	GELC
R-44 S1	895.0	10/29/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	15.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-289	CAMO-19-163710	GELC
R-44 S1	895.0	11/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-526	CAMO-19-163986	GELC
R-44 S1	895.0	12/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164852	GELC
R-44 S1	895.0	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	19.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-792	CAMO-19-165972	GELC
R-44 S1	895.0	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	20.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-896	CAMO-19-166449	GELC
R-44 S1	895.0	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	22.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1209	CAMO-19-167696	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	22.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1640	CAMO-19-174813	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	22.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1640	CAMO-19-174816	GELC
R-44 S1	895.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	22.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175148	GELC
R-44 S1	895.0	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	21.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2228	CAMO-19-181675	GELC
R-44 S1	895.0	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	25.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2530	CAMO-19-181836	GELC
R-44 S1	895.0	08/27/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	24.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3165	CAMO-19-184722	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	23.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	23.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	11/12/2012	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.293	1.42	5.13	—	pCi/L	Y	U	U	2013-307	CAMO-13-24245	GELC
R-44 S1	895.0	11/05/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.475	1.56	5.7	—	pCi/L	Y	U	U	2015-238	CAMO-15-90216	GELC
R-44 S1	895.0	11/12/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.82	1.42	5.47	—	pCi/L	Y	U	U	2016-334	CAMO-16-106105	GELC
R-44 S1	895.0	11/20/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.115	1.18	4.36	—	pCi/L	Y	U	U	2018-1038	CAMO-18-148077	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.242	1.56	5.55	—	pCi/L	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	09/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.3	—	—	0.067	mg/L	Y	—	NQ	N3B-2018-3903	CAMO-18-160789	GELC
R-44 S1	895.0	10/29/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	7.93	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-289	CAMO-19-163710	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-44 S1	895.0	11/20/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	9.74	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-526	CAMO-19-163986	GELC
R-44 S1	895.0	12/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	11.5	—	—	0.134	mg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164852	GELC
R-44 S1	895.0	01/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	13.9	—	—	0.134	mg/L	Y	—	NQ	N3B-2019-792	CAMO-19-165972	GELC
R-44 S1	895.0	02/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	14.9	—	—	0.134	mg/L	Y	—	NQ	N3B-2019-896	CAMO-19-166449	GELC
R-44 S1	895.0	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	17.7	—	—	0.134	mg/L	Y	—	NQ	N3B-2019-1209	CAMO-19-167696	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	18.2	—	—	0.335	mg/L	Y	—	NQ	N3B-2019-1640	CAMO-19-174813	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	18.1	—	—	0.335	mg/L	Y	—	NQ	N3B-2019-1640	CAMO-19-174816	GELC
R-44 S1	895.0	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	16.3	—	—	0.335	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175148	GELC
R-44 S1	895.0	06/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	17.6	—	—	0.335	mg/L	Y	—	NQ	N3B-2019-2228	CAMO-19-181675	GELC
R-44 S1	895.0	07/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	17.1	—	—	0.335	mg/L	Y	H	NQ	N3B-2019-2530	CAMO-19-181836	GELC
R-44 S1	895.0	08/27/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	18.2	—	—	0.335	mg/L	Y	—	NQ	N3B-2019-3165	CAMO-19-184722	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	19	—	—	0.335	mg/L	Y	—	NQ	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	20.3	—	—	0.335	mg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	09/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	12.4	—	—	3	µg/L	Y	—	NQ	N3B-2018-3903	CAMO-18-160789	GELC
R-44 S1	895.0	10/29/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	11.7	—	—	3	µg/L	Y	—	NQ	N3B-2019-289	CAMO-19-163710	GELC
R-44 S1	895.0	11/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	10.7	—	—	3	µg/L	Y	—	NQ	N3B-2019-526	CAMO-19-163986	GELC
R-44 S1	895.0	12/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	9.94	—	—	3	µg/L	Y	J	J	N3B-2019-699	CAMO-19-164852	GELC
R-44 S1	895.0	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	9.12	—	—	3	µg/L	Y	J	J	N3B-2019-792	CAMO-19-165972	GELC
R-44 S1	895.0	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	9.64	—	—	3	µg/L	Y	J	J	N3B-2019-896	CAMO-19-166449	GELC
R-44 S1	895.0	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	7.35	—	—	3	µg/L	Y	J	J	N3B-2019-1209	CAMO-19-167696	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	6.66	—	—	3	µg/L	Y	J	J	N3B-2019-1640	CAMO-19-174813	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	6.99	—	—	3	µg/L	Y	J	J	N3B-2019-1640	CAMO-19-174816	GELC
R-44 S1	895.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	6.79	—	—	3	µg/L	Y	J	J	N3B-2019-2011	CAMO-19-175148	GELC
R-44 S1	895.0	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	6.36	—	—	3	µg/L	Y	J	J	N3B-2019-2228	CAMO-19-181675	GELC
R-44 S1	895.0	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	6.61	—	—	3	µg/L	Y	J	J	N3B-2019-2530	CAMO-19-181836	GELC
R-44 S1	895.0	08/27/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	6.24	—	—	3	µg/L	Y	J	J	N3B-2019-3165	CAMO-19-184722	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	6.04	—	—	3	µg/L	Y	J	J	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	6.04	—	—	3	µg/L	Y	J	J	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	11/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2019-526	CAMO-19-163986	GELC
R-44 S1	895.0	12/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2019-699	CAMO-19-164852	GELC
R-44 S1	895.0	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2019-792	CAMO-19-165972	GELC
R-44 S1	895.0	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2019-896	CAMO-19-166449	GELC
R-44 S1	895.0	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	Y	1.09	—	—	1	µg/L	Y	J	J	N3B-2019-1209	CAMO-19-167696	GELC
R-44 S1	895.0	11/12/2012	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.671	1.13	4.26	—	pCi/L	Y	U	U	2013-307	CAMO-13-24245	GELC
R-44 S1	895.0	11/05/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.03	1.92	7.58	—	pCi/L	Y	U	U	2015-238	CAMO-15-90216	GELC
R-44 S1	895.0	11/12/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.74	1.29	5.35	—	pCi/L	Y	U	U	2016-334	CAMO-16-106105	GELC
R-44 S1	895.0	11/20/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.268	0.999	4.19	—	pCi/L	Y	U	U	2018-1038	CAMO-18-148077	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.3	1.41	6.13	—	pCi/L	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3	—	—	3	µg/L	Y	U	U	N3B-2019-2011	CAMO-19-175148	GELC
R-44 S1	895.0	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3	—	—	3	µg/L	Y	U	U	N3B-2019-2228	CAMO-19-181675	GELC
R-44 S1	895.0	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3	—	—	3	µg/L	Y	U	U	N3B-2019-2530	CAMO-19-181836	GELC
R-44 S1	895.0	08/27/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3	—	—	3	µg/L	Y	U	U	N3B-2019-3165	CAMO-19-184722	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Copper	Cu	Y	0.414	—	—	0.3	µg/L	Y	J	J	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	11/17/2011	WG	UF	INIT	REG	SVOC	SW-846:8270C	Dioxane[1,4-]	123-91-1	N	10.5	—	—	3.2	µg/L	Y	U	U	12-377	CAMO-12-1500	GELC
R-44 S1	895.0	11/06/2013	WG	UF	INIT	REG	SVOC	SW-846:8270C	Dioxane[1,4-]	123-91-1	N	10	—	—	3	µg/L	Y	U	U	2014-2411	CAMO-14-45750	GELC
R-44 S1	895.0	11/12/2015	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	5.1	—	—	1.53	µg/L	Y	U	U	2016-334	CAMO-16-106105	GELC
R-44 S1	895.0	11/20/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3	—	—	3	µg/L	Y	U	U	2018-1038	CAMO-18-148077	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3	—	—	3	µg/L	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	Y	0.297	—	—	0.1	µg/L	Y	J	J	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	09/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.334	—	—	0.033	mg/L	Y	—	NQ	N3B-2018-3903	CAMO-18-160789	GELC
R-44 S1	895.0	10/29/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.262	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-289	CAMO-19-163710	GELC
R-44 S1	895.0	11/20/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.18	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-526	CAMO-19-163986	GELC
R-44 S1	895.0	12/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.202	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164852	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-44 S1	895.0	01/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.203	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-792	CAMO-19-165972	GELC
R-44 S1	895.0	02/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.205	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-896	CAMO-19-166449	GELC
R-44 S1	895.0	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.213	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-1209	CAMO-19-167696	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.32	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-1640	CAMO-19-174813	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.321	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-1640	CAMO-19-174816	GELC
R-44 S1	895.0	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.268	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175148	GELC
R-44 S1	895.0	06/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.235	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2228	CAMO-19-181675	GELC
R-44 S1	895.0	07/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.363	—	—	0.033	mg/L	Y	—	J-	N3B-2019-2530	CAMO-19-181836	GELC
R-44 S1	895.0	08/27/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.159	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-3165	CAMO-19-184722	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.339	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.401	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	11/12/2012	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1	0.706	2.36	—	pCi/L	Y	U	U	2013-307	CAMO-13-24245	GELC
R-44 S1	895.0	11/05/2014	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.0273	0.705	2.87	—	pCi/L	Y	U	U	2015-238	CAMO-15-90216	GELC
R-44 S1	895.0	11/12/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.944	0.485	2.39	—	pCi/L	Y	U	U	2016-334	CAMO-16-106105	GELC
R-44 S1	895.0	11/20/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	2.83	0.934	2.31	—	pCi/L	Y	—	NQ	2018-1038	CAMO-18-148077	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.4	0.898	2.96	—	pCi/L	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/12/2012	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.56	0.933	2.82	—	pCi/L	Y	U	U	2013-307	CAMO-13-24245	GELC
R-44 S1	895.0	11/05/2014	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.642	0.853	2.89	—	pCi/L	Y	U	U	2015-238	CAMO-15-90216	GELC
R-44 S1	895.0	11/12/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	5.35	1.02	2.94	—	pCi/L	Y	—	NQ	2016-334	CAMO-16-106105	GELC
R-44 S1	895.0	11/20/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.27	0.68	2.17	—	pCi/L	Y	U	U	2018-1038	CAMO-18-148077	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.59	0.802	2.61	—	pCi/L	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	09/10/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	47.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2018-3903	CAMO-18-160789	GELC
R-44 S1	895.0	10/29/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	58.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-289	CAMO-19-163710	GELC
R-44 S1	895.0	11/20/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	60.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-526	CAMO-19-163986	GELC
R-44 S1	895.0	12/19/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	63.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164852	GELC
R-44 S1	895.0	01/22/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	72	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-792	CAMO-19-165972	GELC
R-44 S1	895.0	02/11/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	75.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-896	CAMO-19-166449	GELC
R-44 S1	895.0	03/20/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	81.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-1209	CAMO-19-167696	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	81.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-1640	CAMO-19-174813	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	81.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-1640	CAMO-19-174816	GELC
R-44 S1	895.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	83.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175148	GELC
R-44 S1	895.0	06/18/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	78.5	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2228	CAMO-19-181675	GELC
R-44 S1	895.0	07/15/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	91	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2530	CAMO-19-181836	GELC
R-44 S1	895.0	08/27/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	88.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-3165	CAMO-19-184722	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	88.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	90	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30	—	—	30	µg/L	Y	U	U	N3B-2019-792	CAMO-19-165972	GELC
R-44 S1	895.0	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30	—	—	30	µg/L	Y	U	U	N3B-2019-896	CAMO-19-166449	GELC
R-44 S1	895.0	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30	—	—	30	µg/L	Y	U	U	N3B-2019-1209	CAMO-19-167696	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30	—	—	30	µg/L	Y	U	U	N3B-2019-1640	CAMO-19-174813	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Iron	Fe	N	30	—	—	30	µg/L	Y	U	U	N3B-2019-1640	CAMO-19-174816	GELC
R-44 S1	895.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	66	—	—	30	µg/L	Y	J	J	N3B-2019-2011	CAMO-19-175148	GELC
R-44 S1	895.0	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	40.2	—	—	30	µg/L	Y	J	J	N3B-2019-2530	CAMO-19-181836	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	30.4	—	—	30	µg/L	Y	J	J	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	09/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.61	—	—	0.11	mg/L	Y	—	NQ	N3B-2018-3903	CAMO-18-160789	GELC
R-44 S1	895.0	10/29/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.78	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-289	CAMO-19-163710	GELC
R-44 S1	895.0	11/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.63	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-526	CAMO-19-163986	GELC
R-44 S1	895.0	12/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.78	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164852	GELC
R-44 S1	895.0	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.45	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-792	CAMO-19-165972	GELC
R-44 S1	895.0	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.82	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-896	CAMO-19-166449	GELC
R-44 S1	895.0	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.07	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-1209	CAMO-19-167696	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.09	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-1640	CAMO-19-174813	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.06	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-1640	CAMO-19-174816	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-44 S1	895.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.68	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175148	GELC
R-44 S1	895.0	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.98	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-2228	CAMO-19-181675	GELC
R-44 S1	895.0	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.71	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-2530	CAMO-19-181836	GELC
R-44 S1	895.0	08/27/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.78	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-3165	CAMO-19-184722	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	7.01	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	7.6	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	09/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.888	—	—	0.2	µg/L	Y	—	NQ	N3B-2018-3903	CAMO-18-160789	GELC
R-44 S1	895.0	10/29/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.778	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-289	CAMO-19-163710	GELC
R-44 S1	895.0	11/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.703	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-526	CAMO-19-163986	GELC
R-44 S1	895.0	12/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.702	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164852	GELC
R-44 S1	895.0	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.676	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-792	CAMO-19-165972	GELC
R-44 S1	895.0	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.661	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-896	CAMO-19-166449	GELC
R-44 S1	895.0	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.604	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-1209	CAMO-19-167696	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.637	—	—	0.2	µg/L	Y	J	J	N3B-2019-1640	CAMO-19-174813	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.616	—	—	0.2	µg/L	Y	J	J	N3B-2019-1640	CAMO-19-174816	GELC
R-44 S1	895.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.519	—	—	0.2	µg/L	Y	J	J	N3B-2019-2011	CAMO-19-175148	GELC
R-44 S1	895.0	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.634	—	—	0.2	µg/L	Y	J	J	N3B-2019-2228	CAMO-19-181675	GELC
R-44 S1	895.0	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.681	—	—	0.2	µg/L	Y	J	J	N3B-2019-2530	CAMO-19-181836	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	0.661	—	—	0.2	µg/L	Y	J	J	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	0.577	—	—	0.2	µg/L	Y	J	J	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	11/12/2012	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.82	2.95	10.2	—	pCi/L	Y	U	U	2013-307	CAMO-13-24245	GELC
R-44 S1	895.0	11/05/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.36	3.18	11	—	pCi/L	Y	U	U	2015-238	CAMO-15-90216	GELC
R-44 S1	895.0	11/12/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	4.9	2.45	9.33	—	pCi/L	Y	U	U	2016-334	CAMO-16-106105	GELC
R-44 S1	895.0	11/20/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.896	2.15	8.1	—	pCi/L	Y	U	U	2018-1038	CAMO-18-148077	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.63	2.7	9.68	—	pCi/L	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	09/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.6	—	—	0.6	µg/L	Y	U	U	N3B-2018-3903	CAMO-18-160789	GELC
R-44 S1	895.0	10/29/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.819	—	—	0.6	µg/L	Y	J	J	N3B-2019-289	CAMO-19-163710	GELC
R-44 S1	895.0	11/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.13	—	—	0.6	µg/L	Y	J	J	N3B-2019-526	CAMO-19-163986	GELC
R-44 S1	895.0	12/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.24	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164852	GELC
R-44 S1	895.0	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	4.82	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-792	CAMO-19-165972	GELC
R-44 S1	895.0	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	7.64	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-896	CAMO-19-166449	GELC
R-44 S1	895.0	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	13.2	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-1209	CAMO-19-167696	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	20	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-1640	CAMO-19-174813	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	19.4	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-1640	CAMO-19-174816	GELC
R-44 S1	895.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	20.2	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175148	GELC
R-44 S1	895.0	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	27.8	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-2228	CAMO-19-181675	GELC
R-44 S1	895.0	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	32.4	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-2530	CAMO-19-181836	GELC
R-44 S1	895.0	08/27/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	32.5	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-3165	CAMO-19-184722	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	25.4	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	42.8	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	09/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.19	—	—	0.085	mg/L	Y	—	NQ	N3B-2018-3903	CAMO-18-160789	GELC
R-44 S1	895.0	10/29/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.86	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-289	CAMO-19-163710	GELC
R-44 S1	895.0	11/20/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.63	—	—	0.17	mg/L	Y	—	NQ	N3B-2019-526	CAMO-19-163986	GELC
R-44 S1	895.0	12/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.08	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164852	GELC
R-44 S1	895.0	01/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.01	—	—	0.17	mg/L	Y	—	NQ	N3B-2019-792	CAMO-19-165972	GELC
R-44 S1	895.0	02/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.3	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-896	CAMO-19-166449	GELC
R-44 S1	895.0	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.53	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-1209	CAMO-19-167696	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.32	—	—	0.17	mg/L	Y	—	NQ	N3B-2019-1640	CAMO-19-174813	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.32	—	—	0.17	mg/L	Y	—	NQ	N3B-2019-1640	CAMO-19-174816	GELC
R-44 S1	895.0	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.46	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175148	GELC
R-44 S1	895.0	06/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.57	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-2228	CAMO-19-181675	GELC
R-44 S1	895.0	07/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.33	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-2530	CAMO-19-181836	GELC
R-44 S1	895.0	08/27/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.32	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-3165	CAMO-19-184722	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.36	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.44	—	—	0.17	mg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	09/10/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.456	—	—	0.05	µg/L	Y	—	NQ	N3B-2018-3903	CAMO-18-160789	GELC
R-44 S1	895.0	10/29/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.41	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-289	CAMO-19-163710	GELC
R-44 S1	895.0	11/20/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.406	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-526	CAMO-19-163986	GELC
R-44 S1	895.0	12/19/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.382	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164852	GELC
R-44 S1	895.0	01/22/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.363	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-792	CAMO-19-165972	GELC
R-44 S1	895.0	02/11/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.358	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-896	CAMO-19-166449	GELC
R-44 S1	895.0	03/20/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.3	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-1209	CAMO-19-167696	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.362	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-1640	CAMO-19-174813	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.345	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-1640	CAMO-19-174816	GELC
R-44 S1	895.0	05/15/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.355	—	—	0.05	µg/L	Y	—	J-	N3B-2019-2011	CAMO-19-175148	GELC
R-44 S1	895.0	06/18/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.378	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-2228	CAMO-19-181675	GELC
R-44 S1	895.0	07/15/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.328	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-2530	CAMO-19-181836	GELC
R-44 S1	895.0	08/27/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.32	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-3165	CAMO-19-184722	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.313	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.298	—	—	0.05	µg/L	Y	—	J	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	11/12/2012	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0066	0.00808	0.0317	—	pCi/L	Y	U	U	2013-307	CAMO-13-24245	GELC
R-44 S1	895.0	11/05/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00497	0.00702	0.0333	—	pCi/L	Y	U	U	2015-238	CAMO-15-90216	GELC
R-44 S1	895.0	11/12/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00000000119	0.00672	0.0278	—	pCi/L	Y	U	U	2016-334	CAMO-16-106105	GELC
R-44 S1	895.0	11/20/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00652	0.00721	0.032	—	pCi/L	Y	U	U	2018-1038	CAMO-18-148077	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00721	0.00953	0.0597	—	pCi/L	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/12/2012	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0462	0.0148	0.0527	—	pCi/L	Y	U	U	2013-307	CAMO-13-24245	GELC
R-44 S1	895.0	11/05/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00248	0.0108	0.0491	—	pCi/L	Y	U	U	2015-238	CAMO-15-90216	GELC
R-44 S1	895.0	11/12/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00475	0.00751	0.0534	—	pCi/L	Y	U	U	2016-334	CAMO-16-106105	GELC
R-44 S1	895.0	11/20/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00217	0.00841	0.0458	—	pCi/L	Y	U	U	2018-1038	CAMO-18-148077	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0191	0.00972	0.0479	—	pCi/L	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	09/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.06	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-3903	CAMO-18-160789	GELC
R-44 S1	895.0	10/29/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.22	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-289	CAMO-19-163710	GELC
R-44 S1	895.0	11/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.24	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-526	CAMO-19-163986	GELC
R-44 S1	895.0	12/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.13	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164852	GELC
R-44 S1	895.0	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.36	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-792	CAMO-19-165972	GELC
R-44 S1	895.0	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.36	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-896	CAMO-19-166449	GELC
R-44 S1	895.0	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.47	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1209	CAMO-19-167696	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.29	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1640	CAMO-19-174813	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	1.29	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1640	CAMO-19-174816	GELC
R-44 S1	895.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.42	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175148	GELC
R-44 S1	895.0	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.47	—	—	0.05	mg/L	Y	—	J+	N3B-2019-2228	CAMO-19-181675	GELC
R-44 S1	895.0	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2530	CAMO-19-181836	GELC
R-44 S1	895.0	08/27/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.53	—	—	0.05	mg/L	Y	—	J+	N3B-2019-3165	CAMO-19-184722	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.48	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.59	—	—	0.05	mg/L	Y	—	J+	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	11/12/2012	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-3.32	18.4	74.5	—	pCi/L	Y	U	U	2013-307	CAMO-13-24245	GELC
R-44 S1	895.0	11/05/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	11.5	20.6	82	—	pCi/L	Y	U	U	2015-238	CAMO-15-90216	GELC
R-44 S1	895.0	11/12/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-16.6	15.8	60.3	—	pCi/L	Y	U	U	2016-334	CAMO-16-106105	GELC
R-44 S1	895.0	11/20/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	22	16.2	68.1	—	pCi/L	Y	U	U	2018-1038	CAMO-18-148077	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-23.5	19.6	72.3	—	pCi/L	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/17/2011	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0	0.1	0.41	—	pCi/L	Y	U	U	12-378	CAMO-12-1500	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0	0.0825	0.343	—	pCi/L	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0	0.165	—	—	pCi/L	Y	—	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/17/2011	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.0398	0.13	0.5	—	pCi/L	Y	U	U	12-378	CAMO-12-1500	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.0865	0.143	0.571	—	pCi/L	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	09/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2018-3903	CAMO-18-160789	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-44 S1	895.0	10/29/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-289	CAMO-19-163710	GELC
R-44 S1	895.0	11/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-526	CAMO-19-163986	GELC
R-44 S1	895.0	12/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	64.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164852	GELC
R-44 S1	895.0	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-792	CAMO-19-165972	GELC
R-44 S1	895.0	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-896	CAMO-19-166449	GELC
R-44 S1	895.0	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-1209	CAMO-19-167696	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-1640	CAMO-19-174813	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-1640	CAMO-19-174816	GELC
R-44 S1	895.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175148	GELC
R-44 S1	895.0	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	64.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-2228	CAMO-19-181675	GELC
R-44 S1	895.0	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	72.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-2530	CAMO-19-181836	GELC
R-44 S1	895.0	08/27/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-3165	CAMO-19-184722	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	09/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.42	—	—	0.1	mg/L	Y	—	NQ	N3B-2018-3903	CAMO-18-160789	GELC
R-44 S1	895.0	10/29/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.6	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-289	CAMO-19-163710	GELC
R-44 S1	895.0	11/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.8	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-526	CAMO-19-163986	GELC
R-44 S1	895.0	12/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164852	GELC
R-44 S1	895.0	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-792	CAMO-19-165972	GELC
R-44 S1	895.0	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.4	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-896	CAMO-19-166449	GELC
R-44 S1	895.0	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.8	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-1209	CAMO-19-167696	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-1640	CAMO-19-174813	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-1640	CAMO-19-174816	GELC
R-44 S1	895.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.6	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175148	GELC
R-44 S1	895.0	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-2228	CAMO-19-181675	GELC
R-44 S1	895.0	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	13.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-2530	CAMO-19-181836	GELC
R-44 S1	895.0	08/27/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	13	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-3165	CAMO-19-184722	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	13	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	11/12/2012	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.628	1.66	6.16	—	pCi/L	Y	U	U	2013-307	CAMO-13-24245	GELC
R-44 S1	895.0	11/05/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.671	1.49	5.84	—	pCi/L	Y	U	U	2015-238	CAMO-15-90216	GELC
R-44 S1	895.0	11/12/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.552	1.16	4.25	—	pCi/L	Y	U	U	2016-334	CAMO-16-106105	GELC
R-44 S1	895.0	11/20/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.509	0.918	3.56	—	pCi/L	Y	U	U	2018-1038	CAMO-18-148077	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.526	1.46	5.93	—	pCi/L	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	09/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	147	—	—	1	µS/cm	Y	—	NQ	N3B-2018-3903	CAMO-18-160789	GELC
R-44 S1	895.0	10/29/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	170	—	—	1	µS/cm	Y	—	NQ	N3B-2019-289	CAMO-19-163710	GELC
R-44 S1	895.0	11/20/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	178	—	—	1	µS/cm	Y	—	NQ	N3B-2019-526	CAMO-19-163986	GELC
R-44 S1	895.0	12/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	194	—	—	1	µS/cm	Y	—	NQ	N3B-2019-699	CAMO-19-164852	GELC
R-44 S1	895.0	01/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	211	—	—	1	µS/cm	Y	—	NQ	N3B-2019-792	CAMO-19-165972	GELC
R-44 S1	895.0	02/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	219	—	—	1	µS/cm	Y	—	NQ	N3B-2019-896	CAMO-19-166449	GELC
R-44 S1	895.0	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	231	—	—	1	µS/cm	Y	—	NQ	N3B-2019-1209	CAMO-19-167696	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	240	—	—	1	µS/cm	Y	—	NQ	N3B-2019-1640	CAMO-19-174813	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	238	—	—	1	µS/cm	Y	—	NQ	N3B-2019-1640	CAMO-19-174816	GELC
R-44 S1	895.0	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	241	—	—	1	µS/cm	Y	—	NQ	N3B-2019-2011	CAMO-19-175148	GELC
R-44 S1	895.0	06/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	248	—	—	1	µS/cm	Y	—	NQ	N3B-2019-2228	CAMO-19-181675	GELC
R-44 S1	895.0	07/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	243	—	—	1	µS/cm	Y	—	NQ	N3B-2019-2530	CAMO-19-181836	GELC
R-44 S1	895.0	08/27/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	223	—	—	1	µS/cm	Y	—	NQ	N3B-2019-3165	CAMO-19-184722	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	225	—	—	1	µS/cm	Y	—	NQ	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	230	—	—	1	µS/cm	Y	—	NQ	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	09/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	54.9	—	—	1	µg/L	Y	—	NQ	N3B-2018-3903	CAMO-18-160789	GELC
R-44 S1	895.0	10/29/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	67	—	—	1	µg/L	Y	—	NQ	N3B-2019-289	CAMO-19-163710	GELC
R-44 S1	895.0	11/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	69.5	—	—	1	µg/L	Y	—	NQ	N3B-2019-526	CAMO-19-163986	GELC
R-44 S1	895.0	12/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	75.1	—	—	1	µg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164852	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-44 S1	895.0	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	85.1	—	—	1	µg/L	Y	—	NQ	N3B-2019-792	CAMO-19-165972	GELC
R-44 S1	895.0	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	89.9	—	—	1	µg/L	Y	—	NQ	N3B-2019-896	CAMO-19-166449	GELC
R-44 S1	895.0	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	94	—	—	1	µg/L	Y	—	NQ	N3B-2019-1209	CAMO-19-167696	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	97.7	—	—	1	µg/L	Y	—	NQ	N3B-2019-1640	CAMO-19-174813	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	97.5	—	—	1	µg/L	Y	—	NQ	N3B-2019-1640	CAMO-19-174816	GELC
R-44 S1	895.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	98.1	—	—	1	µg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175148	GELC
R-44 S1	895.0	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	94.8	—	—	1	µg/L	Y	—	NQ	N3B-2019-2228	CAMO-19-181675	GELC
R-44 S1	895.0	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	105	—	—	1	µg/L	Y	—	NQ	N3B-2019-2530	CAMO-19-181836	GELC
R-44 S1	895.0	08/27/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	104	—	—	1	µg/L	Y	—	NQ	N3B-2019-3165	CAMO-19-184722	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	101	—	—	1	µg/L	Y	—	NQ	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	108	—	—	1	µg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	11/12/2012	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.229	0.129	0.493	—	pCi/L	Y	U	U	2013-307	CAMO-13-24245	GELC
R-44 S1	895.0	11/05/2014	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0483	0.136	0.496	—	pCi/L	Y	U	U	2015-238	CAMO-15-90216	GELC
R-44 S1	895.0	11/12/2015	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.3	0.116	0.483	—	pCi/L	Y	U	U	2016-334	CAMO-16-106105	GELC
R-44 S1	895.0	11/20/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0922	0.132	0.479	—	pCi/L	Y	U	U	2018-1038	CAMO-18-148077	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0619	0.0689	0.241	—	pCi/L	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	09/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.74	—	—	0.133	mg/L	Y	—	NQ	N3B-2018-3903	CAMO-18-160789	GELC
R-44 S1	895.0	10/29/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.69	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-289	CAMO-19-163710	GELC
R-44 S1	895.0	11/20/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	9.39	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-526	CAMO-19-163986	GELC
R-44 S1	895.0	12/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	11.2	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164852	GELC
R-44 S1	895.0	01/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	13.8	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-792	CAMO-19-165972	GELC
R-44 S1	895.0	02/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	14.4	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-896	CAMO-19-166449	GELC
R-44 S1	895.0	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	14.8	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-1209	CAMO-19-167696	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	18.9	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-1640	CAMO-19-174813	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	18.9	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-1640	CAMO-19-174816	GELC
R-44 S1	895.0	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	17	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175148	GELC
R-44 S1	895.0	06/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	17.7	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-2228	CAMO-19-181675	GELC
R-44 S1	895.0	07/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	17.7	—	—	0.133	mg/L	Y	—	J-	N3B-2019-2530	CAMO-19-181836	GELC
R-44 S1	895.0	08/27/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	19.4	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-3165	CAMO-19-184722	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	19.4	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	19.8	—	—	0.665	mg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	09/10/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2018-3903	CAMO-18-160789	GELC
R-44 S1	895.0	09/10/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2018-3903	CAMO-18-160790	GELC
R-44 S1	895.0	10/29/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-289	CAMO-19-163710	GELC
R-44 S1	895.0	10/29/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-289	CAMO-19-163711	GELC
R-44 S1	895.0	11/20/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-526	CAMO-19-163986	GELC
R-44 S1	895.0	11/20/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-526	CAMO-19-163987	GELC
R-44 S1	895.0	12/19/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-699	CAMO-19-164852	GELC
R-44 S1	895.0	12/19/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-699	CAMO-19-164853	GELC
R-44 S1	895.0	01/22/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-792	CAMO-19-165972	GELC
R-44 S1	895.0	01/22/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-792	CAMO-19-165973	GELC
R-44 S1	895.0	02/11/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-896	CAMO-19-166449	GELC
R-44 S1	895.0	02/11/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-896	CAMO-19-166450	GELC
R-44 S1	895.0	03/20/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-1209	CAMO-19-167696	GELC
R-44 S1	895.0	03/20/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-1209	CAMO-19-167697	GELC
R-44 S1	895.0	04/30/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-1640	CAMO-19-174812	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-1640	CAMO-19-174813	GELC
R-44 S1	895.0	04/30/2019	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-1640	CAMO-19-174815	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-1640	CAMO-19-174816	GELC
R-44 S1	895.0	05/15/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-1916	CAMO-19-175149	GELC
R-44 S1	895.0	05/15/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-2011	CAMO-19-175148	GELC
R-44 S1	895.0	06/18/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2019-2228	CAMO-19-181675	GELC
R-44 S1	895.0	06/18/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2019-2228	CAMO-19-181676	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-44 S1	895.0	07/15/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-2530	CAMO-19-181836	GELC
R-44 S1	895.0	07/15/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-2530	CAMO-19-181837	GELC
R-44 S1	895.0	08/27/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-3165	CAMO-19-184722	GELC
R-44 S1	895.0	08/27/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-3165	CAMO-19-184723	GELC
R-44 S1	895.0	09/12/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-3285	CAMO-19-186510	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	—	0.6	µg/L	Y	U	U	N3B-2019-1640	CAMO-19-174813	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	—	0.6	µg/L	Y	U	U	N3B-2019-1640	CAMO-19-174816	GELC
R-44 S1	895.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	—	0.6	µg/L	Y	U	U	N3B-2019-2011	CAMO-19-175148	GELC
R-44 S1	895.0	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	—	0.6	µg/L	Y	U	U	N3B-2019-2228	CAMO-19-181675	GELC
R-44 S1	895.0	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	0.6	—	—	0.6	µg/L	Y	U	U	N3B-2019-2530	CAMO-19-181836	GELC
R-44 S1	895.0	08/27/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	Y	0.752	—	—	0.6	µg/L	Y	J	J	N3B-2019-3165	CAMO-19-184722	GELC
R-44 S1	895.0	10/29/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	4.2	—	—	2.5	µg/L	Y	J	J	N3B-2019-289	CAMO-19-163710	GELC
R-44 S1	895.0	11/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2019-526	CAMO-19-163986	GELC
R-44 S1	895.0	12/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2019-699	CAMO-19-164852	GELC
R-44 S1	895.0	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2019-792	CAMO-19-165972	GELC
R-44 S1	895.0	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	7.52	—	—	2.5	µg/L	Y	J	J	N3B-2019-896	CAMO-19-166449	GELC
R-44 S1	895.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	16.8	—	—	2.5	µg/L	Y	—	J+	N3B-2019-2011	CAMO-19-175148	GELC
R-44 S1	895.0	08/27/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	2.58	—	—	2.5	µg/L	Y	J	J	N3B-2019-3165	CAMO-19-184722	GELC
R-44 S1	895.0	09/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	139	—	—	3.4	mg/L	Y	H	NQ	N3B-2018-3903	CAMO-18-160789	GELC
R-44 S1	895.0	10/29/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	221	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-289	CAMO-19-163710	GELC
R-44 S1	895.0	11/20/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	133	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-526	CAMO-19-163986	GELC
R-44 S1	895.0	12/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	197	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164852	GELC
R-44 S1	895.0	01/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	156	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-792	CAMO-19-165972	GELC
R-44 S1	895.0	02/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	147	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-896	CAMO-19-166449	GELC
R-44 S1	895.0	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	206	—	—	3.4	mg/L	Y	—	J+	N3B-2019-1209	CAMO-19-167696	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	157	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-1640	CAMO-19-174813	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	184	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-1640	CAMO-19-174816	GELC
R-44 S1	895.0	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	231	—	—	3.4	mg/L	Y	H	NQ	N3B-2019-2011	CAMO-19-175148	GELC
R-44 S1	895.0	06/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	217	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-2228	CAMO-19-181675	GELC
R-44 S1	895.0	07/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	197	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-2530	CAMO-19-181836	GELC
R-44 S1	895.0	08/27/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	251	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-3165	CAMO-19-184722	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	214	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	201	—	—	3.4	mg/L	Y	—	J+	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	01/22/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2019-792	CAMO-19-165973	GELC
R-44 S1	895.0	02/11/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2019-896	CAMO-19-166450	GELC
R-44 S1	895.0	03/20/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.107	—	—	0.033	mg/L	Y	—	U	N3B-2019-1209	CAMO-19-167697	GELC
R-44 S1	895.0	04/30/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2019-1640	CAMO-19-174812	GELC
R-44 S1	895.0	04/30/2019	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2019-1640	CAMO-19-174815	GELC
R-44 S1	895.0	05/15/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.147	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175149	GELC
R-44 S1	895.0	12/19/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.442	—	—	0.33	mg/L	Y	J	J	N3B-2019-699	CAMO-19-164853	GELC
R-44 S1	895.0	01/22/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2019-792	CAMO-19-165973	GELC
R-44 S1	895.0	02/11/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2019-896	CAMO-19-166450	GELC
R-44 S1	895.0	03/20/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2019-1209	CAMO-19-167697	GELC
R-44 S1	895.0	04/30/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.406	—	—	0.33	mg/L	Y	J	J	N3B-2019-1640	CAMO-19-174812	GELC
R-44 S1	895.0	04/30/2019	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.495	—	—	0.33	mg/L	Y	J	J	N3B-2019-1640	CAMO-19-174815	GELC
R-44 S1	895.0	07/15/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.51	—	—	0.33	mg/L	Y	J	J	N3B-2019-2530	CAMO-19-181837	GELC
R-44 S1	895.0	08/27/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.569	—	—	0.33	mg/L	Y	J	J	N3B-2019-3165	CAMO-19-184723	GELC
R-44 S1	895.0	09/12/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.384	—	—	0.33	mg/L	Y	J	J	N3B-2019-3285	CAMO-19-186510	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.558	—	—	0.33	mg/L	Y	J	J	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0544	—	—	0.02	mg/L	Y	—	U	N3B-2019-526	CAMO-19-163986	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-44 S1	895.0	12/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0399	—	—	0.02	mg/L	Y	J	U	N3B-2019-699	CAMO-19-164852	GELC
R-44 S1	895.0	01/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0381	—	—	0.02	mg/L	Y	J	U	N3B-2019-792	CAMO-19-165972	GELC
R-44 S1	895.0	02/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0359	—	—	0.02	mg/L	Y	J	U	N3B-2019-896	CAMO-19-166449	GELC
R-44 S1	895.0	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0624	—	—	0.02	mg/L	Y	—	NQ	N3B-2019-1209	CAMO-19-167696	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0475	—	—	0.02	mg/L	Y	J	J	N3B-2019-1640	CAMO-19-174813	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.036	—	—	0.02	mg/L	Y	J	J	N3B-2019-1640	CAMO-19-174816	GELC
R-44 S1	895.0	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0276	—	—	0.02	mg/L	Y	J	J	N3B-2019-2011	CAMO-19-175148	GELC
R-44 S1	895.0	07/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0831	—	—	0.02	mg/L	Y	—	NQ	N3B-2019-2530	CAMO-19-181836	GELC
R-44 S1	895.0	08/27/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0775	—	—	0.02	mg/L	Y	—	NQ	N3B-2019-3165	CAMO-19-184722	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0801	—	—	0.02	mg/L	Y	—	NQ	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	05/18/2017	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.696	0.795	2.716	—	pCi/L	Y	U	U	2017-1618	CAMO-17-133048	ARSL
R-44 S1	895.0	08/03/2017	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.033	0.998	3.279	—	pCi/L	Y	U	U	2017-2444	CAMO-17-142308	ARSL
R-44 S1	895.0	11/20/2017	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.82	0.822	2.705	—	pCi/L	Y	U	U	2018-1067	CAMO-18-148077	ARSL
R-44 S1	895.0	11/20/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	14.154	2.387	2.909	—	pCi/L	Y	—	NQ	N3B-2019-573	CAMO-19-163987	ARSL
R-44 S1	895.0	01/22/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	21.841	3.461	2.709	—	pCi/L	Y	—	NQ	N3B-2019-836	CAMO-19-165973	ARSL
R-44 S1	895.0	05/15/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	28.324	4.45	3.111	—	pCi/L	Y	—	NQ	N3B-2019-1983	CAMO-19-175149	ARSL
R-44 S1	895.0	09/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.445	—	—	0.067	µg/L	Y	—	NQ	N3B-2018-3903	CAMO-18-160789	GELC
R-44 S1	895.0	10/29/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.463	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-289	CAMO-19-163710	GELC
R-44 S1	895.0	11/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.456	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-526	CAMO-19-163986	GELC
R-44 S1	895.0	12/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.559	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164852	GELC
R-44 S1	895.0	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.648	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-792	CAMO-19-165972	GELC
R-44 S1	895.0	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.654	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-896	CAMO-19-166449	GELC
R-44 S1	895.0	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.67	—	—	0.067	µg/L	Y	—	J+	N3B-2019-1209	CAMO-19-167696	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.688	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-1640	CAMO-19-174813	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.673	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-1640	CAMO-19-174816	GELC
R-44 S1	895.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.707	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175148	GELC
R-44 S1	895.0	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.728	—	—	0.067	µg/L	Y	—	J+	N3B-2019-2228	CAMO-19-181675	GELC
R-44 S1	895.0	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.714	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-2530	CAMO-19-181836	GELC
R-44 S1	895.0	08/27/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.829	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-3165	CAMO-19-184722	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.775	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.771	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	11/12/2012	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.213	0.0306	0.0778	—	pCi/L	Y	—	J	2013-307	CAMO-13-24245	GELC
R-44 S1	895.0	11/05/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.264	0.0284	0.0491	—	pCi/L	Y	—	J	2015-238	CAMO-15-90216	GELC
R-44 S1	895.0	11/12/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.264	0.027	0.087	—	pCi/L	Y	—	NQ	2016-334	CAMO-16-106105	GELC
R-44 S1	895.0	11/20/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.363	0.0312	0.119	—	pCi/L	Y	—	NQ	2018-1038	CAMO-18-148077	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.518	0.0543	0.111	—	pCi/L	Y	—	NQ	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/12/2012	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0	0.0102	0.0486	—	pCi/L	Y	U	U	2013-307	CAMO-13-24245	GELC
R-44 S1	895.0	11/05/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0267	0.0115	0.0428	—	pCi/L	Y	U	U	2015-238	CAMO-15-90216	GELC
R-44 S1	895.0	11/12/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00329	0.0057	0.0759	—	pCi/L	Y	U	U	2016-334	CAMO-16-106105	GELC
R-44 S1	895.0	11/20/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0768	0.0162	0.0514	—	pCi/L	Y	—	NQ	2018-1038	CAMO-18-148077	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0465	0.0191	0.0846	—	pCi/L	Y	U	U	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/12/2012	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.121	0.0207	0.0528	—	pCi/L	Y	—	J	2013-307	CAMO-13-24245	GELC
R-44 S1	895.0	11/05/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.158	0.0203	0.0471	—	pCi/L	Y	—	NQ	2015-238	CAMO-15-90216	GELC
R-44 S1	895.0	11/12/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.128	0.0188	0.0859	—	pCi/L	Y	—	NQ	2016-334	CAMO-16-106105	GELC
R-44 S1	895.0	11/20/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.172	0.0219	0.0696	—	pCi/L	Y	—	J	2018-1038	CAMO-18-148077	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.358	0.0445	0.115	—	pCi/L	Y	—	NQ	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	09/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.29	—	—	1	µg/L	Y	J	J	N3B-2018-3903	CAMO-18-160789	GELC
R-44 S1	895.0	10/29/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.79	—	—	1	µg/L	Y	J	J	N3B-2019-289	CAMO-19-163710	GELC
R-44 S1	895.0	11/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.15	—	—	1	µg/L	Y	J	J	N3B-2019-526	CAMO-19-163986	GELC
R-44 S1	895.0	12/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.92	—	—	1	µg/L	Y	J	J	N3B-2019-699	CAMO-19-164852	GELC
R-44 S1	895.0	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.92	—	—	1	µg/L	Y	J	J	N3B-2019-792	CAMO-19-165972	GELC
R-44 S1	895.0	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.97	—	—	1	µg/L	Y	J	J	N3B-2019-896	CAMO-19-166449	GELC
R-44 S1	895.0	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.11	—	—	1	µg/L	Y	J	J	N3B-2019-1209	CAMO-19-167696	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-44 S1	895.0	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.8	—	—	1	µg/L	Y	J	J	N3B-2019-1640	CAMO-19-174813	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.63	—	—	1	µg/L	Y	J	J	N3B-2019-1640	CAMO-19-174816	GELC
R-44 S1	895.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.36	—	—	1	µg/L	Y	J	J	N3B-2019-2011	CAMO-19-175148	GELC
R-44 S1	895.0	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.57	—	—	1	µg/L	Y	J	J	N3B-2019-2228	CAMO-19-181675	GELC
R-44 S1	895.0	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.8	—	—	1	µg/L	Y	J	J	N3B-2019-2530	CAMO-19-181836	GELC
R-44 S1	895.0	08/27/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.23	—	—	1	µg/L	Y	J	J	N3B-2019-3165	CAMO-19-184722	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.27	—	—	1	µg/L	Y	J	J	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2019-896	CAMO-19-166449	GELC
R-44 S1	895.0	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2019-1209	CAMO-19-167696	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2019-1640	CAMO-19-174813	GELC
R-44 S1	895.0	04/30/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2019-1640	CAMO-19-174816	GELC
R-44 S1	895.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2019-2011	CAMO-19-175148	GELC
R-44 S1	895.0	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	5.32	—	—	3.3	µg/L	Y	J	J	N3B-2019-2228	CAMO-19-181675	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Zinc	Zn	Y	4.03	—	—	3.3	µg/L	Y	J	J	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S2	985.3	09/18/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.02	—	—	0.01	SU	Y	H	NQ	N3B-2018-3903	CAMO-18-160792	GELC
R-44 S2	985.3	09/18/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8	—	—	0.01	SU	Y	H	NQ	N3B-2018-3903	CAMO-18-160795	GELC
R-44 S2	985.3	10/29/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8	—	—	0.01	SU	Y	H	NQ	N3B-2019-289	CAMO-19-163713	GELC
R-44 S2	985.3	11/20/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.96	—	—	0.01	SU	Y	H	NQ	N3B-2019-526	CAMO-19-163989	GELC
R-44 S2	985.3	12/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.02	—	—	0.01	SU	Y	H	NQ	N3B-2019-699	CAMO-19-164855	GELC
R-44 S2	985.3	01/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.97	—	—	0.01	SU	Y	H	NQ	N3B-2019-792	CAMO-19-165975	GELC
R-44 S2	985.3	02/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.97	—	—	0.01	SU	Y	H	NQ	N3B-2019-896	CAMO-19-166452	GELC
R-44 S2	985.3	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.04	—	—	0.01	SU	Y	H	NQ	N3B-2019-1209	CAMO-19-167699	GELC
R-44 S2	985.3	04/30/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.07	—	—	0.01	SU	Y	H	NQ	N3B-2019-1640	CAMO-19-174819	GELC
R-44 S2	985.3	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.02	—	—	0.01	SU	Y	H	J-	N3B-2019-2011	CAMO-19-175152	GELC
R-44 S2	985.3	06/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.04	—	—	0.01	SU	Y	H	NQ	N3B-2019-2228	CAMO-19-181678	GELC
R-44 S2	985.3	07/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8	—	—	0.01	SU	Y	H	NQ	N3B-2019-2530	CAMO-19-181850	GELC
R-44 S2	985.3	08/27/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.94	—	—	0.01	SU	Y	H	NQ	N3B-2019-3165	CAMO-19-184725	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.97	—	—	0.01	SU	Y	H	NQ	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.02	—	—	0.01	SU	Y	H	NQ	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	09/18/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2018-3903	CAMO-18-160792	GELC
R-44 S2	985.3	09/18/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65	—	—	1.45	mg/L	Y	—	NQ	N3B-2018-3903	CAMO-18-160795	GELC
R-44 S2	985.3	10/29/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-289	CAMO-19-163713	GELC
R-44 S2	985.3	11/20/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-526	CAMO-19-163989	GELC
R-44 S2	985.3	12/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	67.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164855	GELC
R-44 S2	985.3	01/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-792	CAMO-19-165975	GELC
R-44 S2	985.3	02/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-896	CAMO-19-166452	GELC
R-44 S2	985.3	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-1209	CAMO-19-167699	GELC
R-44 S2	985.3	04/30/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-1640	CAMO-19-174819	GELC
R-44 S2	985.3	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	68.6	—	—	1.45	mg/L	Y	H	NQ	N3B-2019-2011	CAMO-19-175152	GELC
R-44 S2	985.3	06/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-2228	CAMO-19-181678	GELC
R-44 S2	985.3	07/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-2530	CAMO-19-181850	GELC
R-44 S2	985.3	08/27/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-3165	CAMO-19-184725	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	11/12/2012	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00204	0.00456	0.0369	—	pCi/L	Y	U	U	2013-307	CAMO-13-24246	GELC
R-44 S2	985.3	11/05/2014	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0031	0.0082	0.0647	—	pCi/L	Y	U	U	2015-238	CAMO-15-90217	GELC
R-44 S2	985.3	11/12/2015	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0047	0.00743	0.0317	—	pCi/L	Y	U	U	2016-334	CAMO-16-106106	GELC
R-44 S2	985.3	11/20/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00373	0.00645	0.0332	—	pCi/L	Y	U	U	2018-1038	CAMO-18-148078	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00897	0.0116	0.0603	—	pCi/L	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	09/18/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0277	—	—	0.017	mg/L	Y	J	J	N3B-2018-3903	CAMO-18-160792	GELC
R-44 S2	985.3	09/18/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0541	—	—	0.017	mg/L	Y	—	NQ	N3B-2018-3903	CAMO-18-160795	GELC
R-44 S2	985.3	10/29/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0585	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-289	CAMO-19-163713	GELC
R-44 S2	985.3	11/20/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.017	mg/L	Y	U	U	N3B-2019-526	CAMO-19-163989	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-44 S2	985.3	12/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0256	—	—	0.017	mg/L	Y	J	U	N3B-2019-699	CAMO-19-164855	GELC
R-44 S2	985.3	01/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0376	—	—	0.017	mg/L	Y	J	J	N3B-2019-792	CAMO-19-165975	GELC
R-44 S2	985.3	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0198	—	—	0.017	mg/L	Y	J	J	N3B-2019-1209	CAMO-19-167699	GELC
R-44 S2	985.3	04/30/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0594	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-1640	CAMO-19-174819	GELC
R-44 S2	985.3	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0386	—	—	0.017	mg/L	Y	J	J	N3B-2019-2011	CAMO-19-175152	GELC
R-44 S2	985.3	07/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0632	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-2530	CAMO-19-181850	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0421	—	—	0.017	mg/L	Y	J	J	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	09/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.78	—	—	2	µg/L	Y	J	J	N3B-2018-3903	CAMO-18-160792	GELC
R-44 S2	985.3	09/18/2018	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	Y	2.57	—	—	2	µg/L	Y	J	J	N3B-2018-3903	CAMO-18-160795	GELC
R-44 S2	985.3	10/29/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.53	—	—	2	µg/L	Y	J	J	N3B-2019-289	CAMO-19-163713	GELC
R-44 S2	985.3	11/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.48	—	—	2	µg/L	Y	J	J	N3B-2019-526	CAMO-19-163989	GELC
R-44 S2	985.3	12/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.55	—	—	2	µg/L	Y	J	J	N3B-2019-699	CAMO-19-164855	GELC
R-44 S2	985.3	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.34	—	—	2	µg/L	Y	J	J	N3B-2019-792	CAMO-19-165975	GELC
R-44 S2	985.3	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.4	—	—	2	µg/L	Y	J	J	N3B-2019-2011	CAMO-19-175152	GELC
R-44 S2	985.3	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.35	—	—	2	µg/L	Y	J	J	N3B-2019-2228	CAMO-19-181678	GELC
R-44 S2	985.3	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.87	—	—	2	µg/L	Y	J	J	N3B-2019-2530	CAMO-19-181850	GELC
R-44 S2	985.3	08/27/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.85	—	—	2	µg/L	Y	J	J	N3B-2019-3165	CAMO-19-184725	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	3.37	—	—	2	µg/L	Y	J	J	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.27	—	—	2	µg/L	Y	J	J	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	09/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	20	—	—	1	µg/L	Y	—	NQ	N3B-2018-3903	CAMO-18-160792	GELC
R-44 S2	985.3	09/18/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	18.2	—	—	1	µg/L	Y	—	NQ	N3B-2018-3903	CAMO-18-160795	GELC
R-44 S2	985.3	10/29/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	21.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-289	CAMO-19-163713	GELC
R-44 S2	985.3	11/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	21.3	—	—	1	µg/L	Y	—	NQ	N3B-2019-526	CAMO-19-163989	GELC
R-44 S2	985.3	12/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	20	—	—	1	µg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164855	GELC
R-44 S2	985.3	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	20.6	—	—	1	µg/L	Y	—	NQ	N3B-2019-792	CAMO-19-165975	GELC
R-44 S2	985.3	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	18.8	—	—	1	µg/L	Y	—	NQ	N3B-2019-896	CAMO-19-166452	GELC
R-44 S2	985.3	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	21.3	—	—	1	µg/L	Y	—	NQ	N3B-2019-1209	CAMO-19-167699	GELC
R-44 S2	985.3	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	20.7	—	—	1	µg/L	Y	—	NQ	N3B-2019-1640	CAMO-19-174819	GELC
R-44 S2	985.3	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	18.5	—	—	1	µg/L	Y	*	NQ	N3B-2019-2011	CAMO-19-175152	GELC
R-44 S2	985.3	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	19.8	—	—	1	µg/L	Y	—	NQ	N3B-2019-2228	CAMO-19-181678	GELC
R-44 S2	985.3	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	22.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-2530	CAMO-19-181850	GELC
R-44 S2	985.3	08/27/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	22	—	—	1	µg/L	Y	—	NQ	N3B-2019-3165	CAMO-19-184725	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	21.5	—	—	1	µg/L	Y	—	NQ	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	20.2	—	—	1	µg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	10/29/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	16.1	—	—	15	µg/L	Y	J	J	N3B-2019-289	CAMO-19-163713	GELC
R-44 S2	985.3	11/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2019-526	CAMO-19-163989	GELC
R-44 S2	985.3	12/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2019-699	CAMO-19-164855	GELC
R-44 S2	985.3	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2019-792	CAMO-19-165975	GELC
R-44 S2	985.3	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	18.1	—	—	15	µg/L	Y	J	J	N3B-2019-896	CAMO-19-166452	GELC
R-44 S2	985.3	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	16.4	—	—	15	µg/L	Y	J	J	N3B-2019-2011	CAMO-19-175152	GELC
R-44 S2	985.3	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	19.1	—	—	15	µg/L	Y	J	J	N3B-2019-2530	CAMO-19-181850	GELC
R-44 S2	985.3	09/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-3903	CAMO-18-160792	GELC
R-44 S2	985.3	09/18/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.9	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-3903	CAMO-18-160795	GELC
R-44 S2	985.3	10/29/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-289	CAMO-19-163713	GELC
R-44 S2	985.3	11/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-526	CAMO-19-163989	GELC
R-44 S2	985.3	12/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164855	GELC
R-44 S2	985.3	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-792	CAMO-19-165975	GELC
R-44 S2	985.3	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-896	CAMO-19-166452	GELC
R-44 S2	985.3	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	13	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1209	CAMO-19-167699	GELC
R-44 S2	985.3	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1640	CAMO-19-174819	GELC
R-44 S2	985.3	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175152	GELC
R-44 S2	985.3	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2228	CAMO-19-181678	GELC
R-44 S2	985.3	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	13.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2530	CAMO-19-181850	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-44 S2	985.3	08/27/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3165	CAMO-19-184725	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	11/12/2012	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.26	1.48	5.25	—	pCi/L	Y	U	U	2013-307	CAMO-13-24246	GELC
R-44 S2	985.3	11/05/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.252	1.63	6.02	—	pCi/L	Y	U	U	2015-238	CAMO-15-90217	GELC
R-44 S2	985.3	11/12/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.16	1.67	5.9	—	pCi/L	Y	U	U	2016-334	CAMO-16-106106	GELC
R-44 S2	985.3	11/20/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.709	1.39	5.01	—	pCi/L	Y	U	U	2018-1038	CAMO-18-148078	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.814	1.36	5.34	—	pCi/L	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	09/18/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.21	—	—	0.067	mg/L	Y	—	NQ	N3B-2018-3903	CAMO-18-160792	GELC
R-44 S2	985.3	09/18/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.23	—	—	0.067	mg/L	Y	—	NQ	N3B-2018-3903	CAMO-18-160795	GELC
R-44 S2	985.3	10/29/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.13	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-289	CAMO-19-163713	GELC
R-44 S2	985.3	11/20/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.13	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-526	CAMO-19-163989	GELC
R-44 S2	985.3	12/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.11	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164855	GELC
R-44 S2	985.3	01/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.15	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-792	CAMO-19-165975	GELC
R-44 S2	985.3	02/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.05	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-896	CAMO-19-166452	GELC
R-44 S2	985.3	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.03	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-1209	CAMO-19-167699	GELC
R-44 S2	985.3	04/30/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.03	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-1640	CAMO-19-174819	GELC
R-44 S2	985.3	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.04	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175152	GELC
R-44 S2	985.3	06/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.08	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-2228	CAMO-19-181678	GELC
R-44 S2	985.3	07/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.17	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-2530	CAMO-19-181850	GELC
R-44 S2	985.3	08/27/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.1	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-3165	CAMO-19-184725	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.2	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.32	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	09/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.2	—	—	3	µg/L	Y	J	J	N3B-2018-3903	CAMO-18-160792	GELC
R-44 S2	985.3	09/18/2018	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.84	—	—	3	µg/L	Y	J	J	N3B-2018-3903	CAMO-18-160795	GELC
R-44 S2	985.3	10/29/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.38	—	—	3	µg/L	Y	J	J	N3B-2019-289	CAMO-19-163713	GELC
R-44 S2	985.3	11/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.88	—	—	3	µg/L	Y	J	J	N3B-2019-526	CAMO-19-163989	GELC
R-44 S2	985.3	12/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.28	—	—	3	µg/L	Y	J	J	N3B-2019-699	CAMO-19-164855	GELC
R-44 S2	985.3	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.43	—	—	3	µg/L	Y	J	J	N3B-2019-792	CAMO-19-165975	GELC
R-44 S2	985.3	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	6.07	—	—	3	µg/L	Y	J	J	N3B-2019-896	CAMO-19-166452	GELC
R-44 S2	985.3	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.27	—	—	3	µg/L	Y	J	J	N3B-2019-1209	CAMO-19-167699	GELC
R-44 S2	985.3	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.15	—	—	3	µg/L	Y	J	J	N3B-2019-1640	CAMO-19-174819	GELC
R-44 S2	985.3	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.41	—	—	3	µg/L	Y	J	J	N3B-2019-2011	CAMO-19-175152	GELC
R-44 S2	985.3	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.45	—	—	3	µg/L	Y	J	J	N3B-2019-2228	CAMO-19-181678	GELC
R-44 S2	985.3	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.76	—	—	3	µg/L	Y	J	J	N3B-2019-2530	CAMO-19-181850	GELC
R-44 S2	985.3	08/27/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.88	—	—	3	µg/L	Y	J	J	N3B-2019-3165	CAMO-19-184725	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	5.81	—	—	3	µg/L	Y	J	J	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	5.68	—	—	3	µg/L	Y	J	J	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	11/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2019-526	CAMO-19-163989	GELC
R-44 S2	985.3	12/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2019-699	CAMO-19-164855	GELC
R-44 S2	985.3	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2019-792	CAMO-19-165975	GELC
R-44 S2	985.3	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2019-896	CAMO-19-166452	GELC
R-44 S2	985.3	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	Y	1.51	—	—	1	µg/L	Y	J	J	N3B-2019-1209	CAMO-19-167699	GELC
R-44 S2	985.3	11/12/2012	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.955	1.47	5.86	—	pCi/L	Y	U	U	2013-307	CAMO-13-24246	GELC
R-44 S2	985.3	11/05/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	3.16	1.48	6.92	—	pCi/L	Y	U	U	2015-238	CAMO-15-90217	GELC
R-44 S2	985.3	11/12/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.62	1.34	4.55	—	pCi/L	Y	U	U	2016-334	CAMO-16-106106	GELC
R-44 S2	985.3	11/20/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.39	1.47	6.91	—	pCi/L	Y	U	U	2018-1038	CAMO-18-148078	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.57	1.17	5.07	—	pCi/L	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3	—	—	3	µg/L	Y	U	U	N3B-2019-896	CAMO-19-166452	GELC
R-44 S2	985.3	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3	—	—	3	µg/L	Y	U	U	N3B-2019-1209	CAMO-19-167699	GELC
R-44 S2	985.3	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3	—	—	3	µg/L	Y	U	U	N3B-2019-1640	CAMO-19-174819	GELC
R-44 S2	985.3	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3	—	—	3	µg/L	Y	U	U	N3B-2019-2011	CAMO-19-175152	GELC
R-44 S2	985.3	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	Y	4.51	—	—	3	µg/L	Y	J	J	N3B-2019-2228	CAMO-19-181678	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-44 S2	985.3	11/20/2018	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.00167	mg/L	Y	U	U	N3B-2019-526	CAMO-19-163990	GELC
R-44 S2	985.3	12/19/2018	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.00167	mg/L	Y	U	U	N3B-2019-699	CAMO-19-164856	GELC
R-44 S2	985.3	01/22/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.00167	mg/L	Y	U	U	N3B-2019-792	CAMO-19-165976	GELC
R-44 S2	985.3	02/11/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.00167	mg/L	Y	U	U	N3B-2019-896	CAMO-19-166453	GELC
R-44 S2	985.3	03/20/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.0019	—	—	0.00167	mg/L	Y	J	J	N3B-2019-1209	CAMO-19-167700	GELC
R-44 S2	985.3	09/18/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.385	—	—	0.033	mg/L	Y	—	NQ	N3B-2018-3903	CAMO-18-160792	GELC
R-44 S2	985.3	09/18/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.39	—	—	0.033	mg/L	Y	—	NQ	N3B-2018-3903	CAMO-18-160795	GELC
R-44 S2	985.3	10/29/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.405	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-289	CAMO-19-163713	GELC
R-44 S2	985.3	11/20/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.32	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-526	CAMO-19-163989	GELC
R-44 S2	985.3	12/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.27	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164855	GELC
R-44 S2	985.3	01/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.338	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-792	CAMO-19-165975	GELC
R-44 S2	985.3	02/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.373	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-896	CAMO-19-166452	GELC
R-44 S2	985.3	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.328	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-1209	CAMO-19-167699	GELC
R-44 S2	985.3	04/30/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.328	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-1640	CAMO-19-174819	GELC
R-44 S2	985.3	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.416	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175152	GELC
R-44 S2	985.3	06/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.391	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2228	CAMO-19-181678	GELC
R-44 S2	985.3	07/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.453	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2530	CAMO-19-181850	GELC
R-44 S2	985.3	08/27/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.418	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-3165	CAMO-19-184725	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.557	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.518	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	11/12/2012	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.689	0.661	2.37	—	pCi/L	Y	U	U	2013-307	CAMO-13-24246	GELC
R-44 S2	985.3	11/05/2014	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.251	0.698	2.93	—	pCi/L	Y	U	U	2015-238	CAMO-15-90217	GELC
R-44 S2	985.3	11/12/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.58	0.739	2.67	—	pCi/L	Y	U	U	2016-334	CAMO-16-106106	GELC
R-44 S2	985.3	11/20/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.535	0.65	2.48	—	pCi/L	Y	U	U	2018-1038	CAMO-18-148078	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.27	0.782	2.45	—	pCi/L	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/12/2012	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.18	0.82	2.75	—	pCi/L	Y	U	U	2013-307	CAMO-13-24246	GELC
R-44 S2	985.3	11/05/2014	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.02	0.84	2.71	—	pCi/L	Y	U	U	2015-238	CAMO-15-90217	GELC
R-44 S2	985.3	11/12/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.06	0.922	2.75	—	pCi/L	Y	—	NQ	2016-334	CAMO-16-106106	GELC
R-44 S2	985.3	11/20/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.36	0.729	2.06	—	pCi/L	Y	—	J	2018-1038	CAMO-18-148078	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	-0.13	0.583	2.09	—	pCi/L	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	09/18/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	45.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2018-3903	CAMO-18-160792	GELC
R-44 S2	985.3	09/18/2018	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	41.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2018-3903	CAMO-18-160795	GELC
R-44 S2	985.3	10/29/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	48.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-289	CAMO-19-163713	GELC
R-44 S2	985.3	11/20/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	47.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-526	CAMO-19-163989	GELC
R-44 S2	985.3	12/19/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	43.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164855	GELC
R-44 S2	985.3	01/22/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	45.9	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-792	CAMO-19-165975	GELC
R-44 S2	985.3	02/11/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	43.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-896	CAMO-19-166452	GELC
R-44 S2	985.3	03/20/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	48.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-1209	CAMO-19-167699	GELC
R-44 S2	985.3	04/30/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	45.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-1640	CAMO-19-174819	GELC
R-44 S2	985.3	05/15/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	43.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175152	GELC
R-44 S2	985.3	06/18/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	42.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2228	CAMO-19-181678	GELC
R-44 S2	985.3	07/15/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	50	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2530	CAMO-19-181850	GELC
R-44 S2	985.3	08/27/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	47.5	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-3165	CAMO-19-184725	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	47.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	46.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	09/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.7	—	—	0.11	mg/L	Y	—	NQ	N3B-2018-3903	CAMO-18-160792	GELC
R-44 S2	985.3	09/18/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.36	—	—	0.11	mg/L	Y	—	NQ	N3B-2018-3903	CAMO-18-160795	GELC
R-44 S2	985.3	10/29/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.23	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-289	CAMO-19-163713	GELC
R-44 S2	985.3	11/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.86	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-526	CAMO-19-163989	GELC
R-44 S2	985.3	12/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.53	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164855	GELC
R-44 S2	985.3	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.78	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-792	CAMO-19-165975	GELC
R-44 S2	985.3	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.63	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-896	CAMO-19-166452	GELC
R-44 S2	985.3	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.79	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-1209	CAMO-19-167699	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-44 S2	985.3	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.67	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-1640	CAMO-19-174819	GELC
R-44 S2	985.3	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.85	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175152	GELC
R-44 S2	985.3	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.52	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-2228	CAMO-19-181678	GELC
R-44 S2	985.3	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.89	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-2530	CAMO-19-181850	GELC
R-44 S2	985.3	08/27/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.95	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-3165	CAMO-19-184725	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.12	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.23	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	09/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.774	—	—	0.2	µg/L	Y	—	NQ	N3B-2018-3903	CAMO-18-160792	GELC
R-44 S2	985.3	09/18/2018	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.735	—	—	0.2	µg/L	Y	—	NQ	N3B-2018-3903	CAMO-18-160795	GELC
R-44 S2	985.3	10/29/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.759	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-289	CAMO-19-163713	GELC
R-44 S2	985.3	11/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.767	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-526	CAMO-19-163989	GELC
R-44 S2	985.3	12/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.805	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164855	GELC
R-44 S2	985.3	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.804	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-792	CAMO-19-165975	GELC
R-44 S2	985.3	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.833	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-896	CAMO-19-166452	GELC
R-44 S2	985.3	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.823	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-1209	CAMO-19-167699	GELC
R-44 S2	985.3	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.82	—	—	0.2	µg/L	Y	J	J	N3B-2019-1640	CAMO-19-174819	GELC
R-44 S2	985.3	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.643	—	—	0.2	µg/L	Y	J	J	N3B-2019-2011	CAMO-19-175152	GELC
R-44 S2	985.3	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.899	—	—	0.2	µg/L	Y	J	J	N3B-2019-2228	CAMO-19-181678	GELC
R-44 S2	985.3	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.879	—	—	0.2	µg/L	Y	J	J	N3B-2019-2530	CAMO-19-181850	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	0.85	—	—	0.2	µg/L	Y	J	J	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	0.86	—	—	0.2	µg/L	Y	J	J	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	11/12/2012	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.76	3.29	11.1	—	pCi/L	Y	U	U	2013-307	CAMO-13-24246	GELC
R-44 S2	985.3	11/05/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.19	3.37	11.8	—	pCi/L	Y	U	U	2015-238	CAMO-15-90217	GELC
R-44 S2	985.3	11/12/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.47	2.58	8.85	—	pCi/L	Y	U	U	2016-334	CAMO-16-106106	GELC
R-44 S2	985.3	11/20/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.54	2.81	9.5	—	pCi/L	Y	U	U	2018-1038	CAMO-18-148078	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.8	2.69	9.95	—	pCi/L	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.6	—	—	0.6	µg/L	Y	U	U	N3B-2019-1640	CAMO-19-174819	GELC
R-44 S2	985.3	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.6	—	—	0.6	µg/L	Y	U	U	N3B-2019-2011	CAMO-19-175152	GELC
R-44 S2	985.3	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.6	—	—	0.6	µg/L	Y	U	U	N3B-2019-2228	CAMO-19-181678	GELC
R-44 S2	985.3	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.6	—	—	0.6	µg/L	Y	U	U	N3B-2019-2530	CAMO-19-181850	GELC
R-44 S2	985.3	08/27/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.69	—	—	0.6	µg/L	Y	J	J	N3B-2019-3165	CAMO-19-184725	GELC
R-44 S2	985.3	09/18/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.622	—	—	0.017	mg/L	Y	—	NQ	N3B-2018-3903	CAMO-18-160792	GELC
R-44 S2	985.3	09/18/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.619	—	—	0.017	mg/L	Y	—	NQ	N3B-2018-3903	CAMO-18-160795	GELC
R-44 S2	985.3	10/29/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.681	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-289	CAMO-19-163713	GELC
R-44 S2	985.3	11/20/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.25	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-526	CAMO-19-163989	GELC
R-44 S2	985.3	12/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.63	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164855	GELC
R-44 S2	985.3	01/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.596	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-792	CAMO-19-165975	GELC
R-44 S2	985.3	02/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.623	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-896	CAMO-19-166452	GELC
R-44 S2	985.3	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.633	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-1209	CAMO-19-167699	GELC
R-44 S2	985.3	04/30/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.626	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-1640	CAMO-19-174819	GELC
R-44 S2	985.3	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.644	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175152	GELC
R-44 S2	985.3	06/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.634	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-2228	CAMO-19-181678	GELC
R-44 S2	985.3	07/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.644	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-2530	CAMO-19-181850	GELC
R-44 S2	985.3	08/27/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.63	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-3165	CAMO-19-184725	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.646	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.665	—	—	0.085	mg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	09/18/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.364	—	—	0.05	µg/L	Y	—	NQ	N3B-2018-3903	CAMO-18-160792	GELC
R-44 S2	985.3	09/18/2018	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.34	—	—	0.05	µg/L	Y	—	NQ	N3B-2018-3903	CAMO-18-160795	GELC
R-44 S2	985.3	10/29/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.336	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-289	CAMO-19-163713	GELC
R-44 S2	985.3	11/20/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.33	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-526	CAMO-19-163989	GELC
R-44 S2	985.3	12/19/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.347	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164855	GELC
R-44 S2	985.3	01/22/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.302	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-792	CAMO-19-165975	GELC
R-44 S2	985.3	02/11/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.329	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-896	CAMO-19-166452	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-44 S2	985.3	03/20/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.307	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-1209	CAMO-19-167699	GELC
R-44 S2	985.3	04/30/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.325	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-1640	CAMO-19-174819	GELC
R-44 S2	985.3	05/15/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.332	—	—	0.05	µg/L	Y	—	J-	N3B-2019-2011	CAMO-19-175152	GELC
R-44 S2	985.3	06/18/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.366	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-2228	CAMO-19-181678	GELC
R-44 S2	985.3	07/15/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.329	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-2530	CAMO-19-181850	GELC
R-44 S2	985.3	08/27/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.352	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-3165	CAMO-19-184725	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.344	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.349	—	—	0.05	µg/L	Y	—	J	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	11/12/2012	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00907	0.00641	0.0218	—	pCi/L	Y	U	U	2013-307	CAMO-13-24246	GELC
R-44 S2	985.3	11/05/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00591	0.00724	0.0396	—	pCi/L	Y	U	U	2015-238	CAMO-15-90217	GELC
R-44 S2	985.3	11/12/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00401	0.00401	0.0234	—	pCi/L	Y	U	U	2016-334	CAMO-16-106106	GELC
R-44 S2	985.3	11/20/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.00854	0.0364	—	pCi/L	Y	U	U	2018-1038	CAMO-18-148078	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00697	0.00864	0.0603	—	pCi/L	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/12/2012	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00453	0.00555	0.0362	—	pCi/L	Y	U	U	2013-307	CAMO-13-24246	GELC
R-44 S2	985.3	11/05/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00886	0.00781	0.0584	—	pCi/L	Y	U	U	2015-238	CAMO-15-90217	GELC
R-44 S2	985.3	11/12/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.012	0.00633	0.045	—	pCi/L	Y	U	U	2016-334	CAMO-16-106106	GELC
R-44 S2	985.3	11/20/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00247	0.0118	0.052	—	pCi/L	Y	U	U	2018-1038	CAMO-18-148078	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0143	0.0122	0.0484	—	pCi/L	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	09/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-3903	CAMO-18-160792	GELC
R-44 S2	985.3	09/18/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	1.06	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-3903	CAMO-18-160795	GELC
R-44 S2	985.3	10/29/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.23	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-289	CAMO-19-163713	GELC
R-44 S2	985.3	11/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.28	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-526	CAMO-19-163989	GELC
R-44 S2	985.3	12/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164855	GELC
R-44 S2	985.3	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.21	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-792	CAMO-19-165975	GELC
R-44 S2	985.3	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-896	CAMO-19-166452	GELC
R-44 S2	985.3	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1209	CAMO-19-167699	GELC
R-44 S2	985.3	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.06	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1640	CAMO-19-174819	GELC
R-44 S2	985.3	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.19	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175152	GELC
R-44 S2	985.3	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.35	—	—	0.05	mg/L	Y	—	J+	N3B-2019-2228	CAMO-19-181678	GELC
R-44 S2	985.3	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.36	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2530	CAMO-19-181850	GELC
R-44 S2	985.3	08/27/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.33	—	—	0.05	mg/L	Y	—	J+	N3B-2019-3165	CAMO-19-184725	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.24	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.32	—	—	0.05	mg/L	Y	—	J+	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	11/12/2012	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-7.81	16.6	64.6	—	pCi/L	Y	U	U	2013-307	CAMO-13-24246	GELC
R-44 S2	985.3	11/05/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	38	20.5	86.6	—	pCi/L	Y	U	U	2015-238	CAMO-15-90217	GELC
R-44 S2	985.3	11/12/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	2.63	16.9	62.6	—	pCi/L	Y	U	U	2016-334	CAMO-16-106106	GELC
R-44 S2	985.3	11/20/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-4.41	21.7	84.3	—	pCi/L	Y	U	U	2018-1038	CAMO-18-148078	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	43.2	28.9	28.6	—	pCi/L	Y	UI	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/17/2011	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.448	0.15	0.31	—	pCi/L	Y	—	U	12-378	CAMO-12-1502	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.154	0.102	0.343	—	pCi/L	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.154	0.271	—	—	pCi/L	Y	—	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/17/2011	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.567	0.19	0.52	—	pCi/L	Y	—	U	12-378	CAMO-12-1502	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.421	0.251	0.978	—	pCi/L	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	09/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2018-3903	CAMO-18-160792	GELC
R-44 S2	985.3	09/18/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2018-3903	CAMO-18-160795	GELC
R-44 S2	985.3	10/29/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-289	CAMO-19-163713	GELC
R-44 S2	985.3	11/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-526	CAMO-19-163989	GELC
R-44 S2	985.3	12/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164855	GELC
R-44 S2	985.3	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-792	CAMO-19-165975	GELC
R-44 S2	985.3	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-896	CAMO-19-166452	GELC
R-44 S2	985.3	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	75.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-1209	CAMO-19-167699	GELC
R-44 S2	985.3	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-1640	CAMO-19-174819	GELC
R-44 S2	985.3	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175152	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-44 S2	985.3	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-2228	CAMO-19-181678	GELC
R-44 S2	985.3	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	76.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-2530	CAMO-19-181850	GELC
R-44 S2	985.3	08/27/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-3165	CAMO-19-184725	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	70	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	09/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.79	—	—	0.1	mg/L	Y	—	NQ	N3B-2018-3903	CAMO-18-160792	GELC
R-44 S2	985.3	09/18/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.04	—	—	0.1	mg/L	Y	—	NQ	N3B-2018-3903	CAMO-18-160795	GELC
R-44 S2	985.3	10/29/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-289	CAMO-19-163713	GELC
R-44 S2	985.3	11/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-526	CAMO-19-163989	GELC
R-44 S2	985.3	12/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.21	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164855	GELC
R-44 S2	985.3	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.77	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-792	CAMO-19-165975	GELC
R-44 S2	985.3	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.1	—	—	0.1	mg/L	Y	—	J+	N3B-2019-896	CAMO-19-166452	GELC
R-44 S2	985.3	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.6	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-1209	CAMO-19-167699	GELC
R-44 S2	985.3	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.83	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-1640	CAMO-19-174819	GELC
R-44 S2	985.3	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.43	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175152	GELC
R-44 S2	985.3	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.32	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-2228	CAMO-19-181678	GELC
R-44 S2	985.3	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-2530	CAMO-19-181850	GELC
R-44 S2	985.3	08/27/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-3165	CAMO-19-184725	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.62	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.98	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	11/12/2012	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.145	1.39	5.32	—	pCi/L	Y	U	U	2013-307	CAMO-13-24246	GELC
R-44 S2	985.3	11/05/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.407	1.44	5.58	—	pCi/L	Y	U	U	2015-238	CAMO-15-90217	GELC
R-44 S2	985.3	11/12/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.68	1.33	4.5	—	pCi/L	Y	U	U	2016-334	CAMO-16-106106	GELC
R-44 S2	985.3	11/20/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.76	1.35	4.64	—	pCi/L	Y	U	U	2018-1038	CAMO-18-148078	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.439	1.18	4.85	—	pCi/L	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	09/18/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	138	—	—	1	µS/cm	Y	—	NQ	N3B-2018-3903	CAMO-18-160792	GELC
R-44 S2	985.3	09/18/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	139	—	—	1	µS/cm	Y	—	NQ	N3B-2018-3903	CAMO-18-160795	GELC
R-44 S2	985.3	10/29/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	139	—	—	1	µS/cm	Y	—	NQ	N3B-2019-289	CAMO-19-163713	GELC
R-44 S2	985.3	11/20/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	137	—	—	1	µS/cm	Y	—	NQ	N3B-2019-526	CAMO-19-163989	GELC
R-44 S2	985.3	12/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	138	—	—	1	µS/cm	Y	—	NQ	N3B-2019-699	CAMO-19-164855	GELC
R-44 S2	985.3	01/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	138	—	—	1	µS/cm	Y	—	NQ	N3B-2019-792	CAMO-19-165975	GELC
R-44 S2	985.3	02/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	154	—	—	1	µS/cm	Y	—	NQ	N3B-2019-896	CAMO-19-166452	GELC
R-44 S2	985.3	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	139	—	—	1	µS/cm	Y	—	NQ	N3B-2019-1209	CAMO-19-167699	GELC
R-44 S2	985.3	04/30/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	139	—	—	1	µS/cm	Y	—	NQ	N3B-2019-1640	CAMO-19-174819	GELC
R-44 S2	985.3	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	139	—	—	1	µS/cm	Y	—	NQ	N3B-2019-2011	CAMO-19-175152	GELC
R-44 S2	985.3	06/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	139	—	—	1	µS/cm	Y	—	NQ	N3B-2019-2228	CAMO-19-181678	GELC
R-44 S2	985.3	07/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	139	—	—	1	µS/cm	Y	—	NQ	N3B-2019-2530	CAMO-19-181850	GELC
R-44 S2	985.3	08/27/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	117	—	—	1	µS/cm	Y	—	NQ	N3B-2019-3165	CAMO-19-184725	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	118	—	—	1	µS/cm	Y	—	NQ	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	120	—	—	1	µS/cm	Y	—	NQ	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	09/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	50.7	—	—	1	µg/L	Y	—	NQ	N3B-2018-3903	CAMO-18-160792	GELC
R-44 S2	985.3	09/18/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	46.1	—	—	1	µg/L	Y	—	NQ	N3B-2018-3903	CAMO-18-160795	GELC
R-44 S2	985.3	10/29/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	53	—	—	1	µg/L	Y	—	NQ	N3B-2019-289	CAMO-19-163713	GELC
R-44 S2	985.3	11/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	52.1	—	—	1	µg/L	Y	—	NQ	N3B-2019-526	CAMO-19-163989	GELC
R-44 S2	985.3	12/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	49.6	—	—	1	µg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164855	GELC
R-44 S2	985.3	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	51.9	—	—	1	µg/L	Y	—	NQ	N3B-2019-792	CAMO-19-165975	GELC
R-44 S2	985.3	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	49.6	—	—	1	µg/L	Y	—	NQ	N3B-2019-896	CAMO-19-166452	GELC
R-44 S2	985.3	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	53.6	—	—	1	µg/L	Y	—	NQ	N3B-2019-1209	CAMO-19-167699	GELC
R-44 S2	985.3	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	52.7	—	—	1	µg/L	Y	—	NQ	N3B-2019-1640	CAMO-19-174819	GELC
R-44 S2	985.3	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	49.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175152	GELC
R-44 S2	985.3	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	49.4	—	—	1	µg/L	Y	—	NQ	N3B-2019-2228	CAMO-19-181678	GELC
R-44 S2	985.3	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	55.8	—	—	1	µg/L	Y	—	NQ	N3B-2019-2530	CAMO-19-181850	GELC
R-44 S2	985.3	08/27/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	53.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-3165	CAMO-19-184725	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	52	—	—	1	µg/L	Y	—	NQ	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	53.8	—	—	1	µg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	11/12/2012	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.00695	0.132	0.49	—	pCi/L	Y	U	U	2013-307	CAMO-13-24246	GELC
R-44 S2	985.3	11/05/2014	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0775	0.133	0.488	—	pCi/L	Y	U	U	2015-238	CAMO-15-90217	GELC
R-44 S2	985.3	11/12/2015	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.126	0.137	0.48	—	pCi/L	Y	U	U	2016-334	CAMO-16-106106	GELC
R-44 S2	985.3	11/20/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.31	0.106	0.482	—	pCi/L	Y	U	U	2018-1038	CAMO-18-148078	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.117	0.121	0.474	—	pCi/L	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	09/18/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.62	—	—	0.133	mg/L	Y	—	NQ	N3B-2018-3903	CAMO-18-160792	GELC
R-44 S2	985.3	09/18/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.66	—	—	0.133	mg/L	Y	—	NQ	N3B-2018-3903	CAMO-18-160795	GELC
R-44 S2	985.3	10/29/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.6	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-289	CAMO-19-163713	GELC
R-44 S2	985.3	11/20/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.72	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-526	CAMO-19-163989	GELC
R-44 S2	985.3	12/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.57	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164855	GELC
R-44 S2	985.3	01/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.54	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-792	CAMO-19-165975	GELC
R-44 S2	985.3	02/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.49	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-896	CAMO-19-166452	GELC
R-44 S2	985.3	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.5	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-1209	CAMO-19-167699	GELC
R-44 S2	985.3	04/30/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.61	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-1640	CAMO-19-174819	GELC
R-44 S2	985.3	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.36	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175152	GELC
R-44 S2	985.3	06/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.34	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-2228	CAMO-19-181678	GELC
R-44 S2	985.3	07/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.43	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-2530	CAMO-19-181850	GELC
R-44 S2	985.3	08/27/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.4	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-3165	CAMO-19-184725	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.45	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.64	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	09/18/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2018-3903	CAMO-18-160792	GELC
R-44 S2	985.3	09/18/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2018-3903	CAMO-18-160793	GELC
R-44 S2	985.3	09/18/2018	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2018-3903	CAMO-18-160795	GELC
R-44 S2	985.3	09/18/2018	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2018-3903	CAMO-18-160796	GELC
R-44 S2	985.3	10/29/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-289	CAMO-19-163713	GELC
R-44 S2	985.3	10/29/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-289	CAMO-19-163714	GELC
R-44 S2	985.3	11/20/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-526	CAMO-19-163989	GELC
R-44 S2	985.3	11/20/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-526	CAMO-19-163990	GELC
R-44 S2	985.3	12/19/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-699	CAMO-19-164855	GELC
R-44 S2	985.3	12/19/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-699	CAMO-19-164856	GELC
R-44 S2	985.3	01/22/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-792	CAMO-19-165975	GELC
R-44 S2	985.3	01/22/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-792	CAMO-19-165976	GELC
R-44 S2	985.3	02/11/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-896	CAMO-19-166452	GELC
R-44 S2	985.3	02/11/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-896	CAMO-19-166453	GELC
R-44 S2	985.3	03/20/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-1209	CAMO-19-167699	GELC
R-44 S2	985.3	03/20/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-1209	CAMO-19-167700	GELC
R-44 S2	985.3	04/30/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-1640	CAMO-19-174818	GELC
R-44 S2	985.3	04/30/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-1640	CAMO-19-174819	GELC
R-44 S2	985.3	05/15/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-1916	CAMO-19-175153	GELC
R-44 S2	985.3	05/15/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-2011	CAMO-19-175152	GELC
R-44 S2	985.3	06/18/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2019-2228	CAMO-19-181678	GELC
R-44 S2	985.3	06/18/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2019-2228	CAMO-19-181679	GELC
R-44 S2	985.3	07/15/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-2530	CAMO-19-181850	GELC
R-44 S2	985.3	07/15/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-2530	CAMO-19-181851	GELC
R-44 S2	985.3	08/27/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-3165	CAMO-19-184725	GELC
R-44 S2	985.3	08/27/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-3165	CAMO-19-184726	GELC
R-44 S2	985.3	09/12/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-3285	CAMO-19-186517	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	10/29/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	4.59	—	—	2.5	µg/L	Y	J	J	N3B-2019-289	CAMO-19-163713	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-44 S2	985.3	11/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2019-526	CAMO-19-163989	GELC
R-44 S2	985.3	12/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2019-699	CAMO-19-164855	GELC
R-44 S2	985.3	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2019-792	CAMO-19-165975	GELC
R-44 S2	985.3	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	6.22	—	—	2.5	µg/L	Y	J	J	N3B-2019-896	CAMO-19-166452	GELC
R-44 S2	985.3	08/27/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	3.32	—	—	2.5	µg/L	Y	J	J	N3B-2019-3165	CAMO-19-184725	GELC
R-44 S2	985.3	09/18/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	114	—	—	3.4	mg/L	Y	—	NQ	N3B-2018-3903	CAMO-18-160792	GELC
R-44 S2	985.3	09/18/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	131	—	—	3.4	mg/L	Y	—	NQ	N3B-2018-3903	CAMO-18-160795	GELC
R-44 S2	985.3	10/29/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	194	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-289	CAMO-19-163713	GELC
R-44 S2	985.3	11/20/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	117	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-526	CAMO-19-163989	GELC
R-44 S2	985.3	12/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	180	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164855	GELC
R-44 S2	985.3	01/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	114	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-792	CAMO-19-165975	GELC
R-44 S2	985.3	02/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	137	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-896	CAMO-19-166452	GELC
R-44 S2	985.3	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	136	—	—	3.4	mg/L	Y	—	J+	N3B-2019-1209	CAMO-19-167699	GELC
R-44 S2	985.3	04/30/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	114	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-1640	CAMO-19-174819	GELC
R-44 S2	985.3	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	274	—	—	3.4	mg/L	Y	H	NQ	N3B-2019-2011	CAMO-19-175152	GELC
R-44 S2	985.3	06/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	109	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-2228	CAMO-19-181678	GELC
R-44 S2	985.3	07/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	321	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-2530	CAMO-19-181850	GELC
R-44 S2	985.3	08/27/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	179	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-3165	CAMO-19-184725	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	133	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	176	—	—	3.4	mg/L	Y	—	J+	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	01/22/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2019-792	CAMO-19-165976	GELC
R-44 S2	985.3	02/11/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2019-896	CAMO-19-166453	GELC
R-44 S2	985.3	03/20/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0439	—	—	0.033	mg/L	Y	J	U	N3B-2019-1209	CAMO-19-167700	GELC
R-44 S2	985.3	04/30/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2019-1640	CAMO-19-174818	GELC
R-44 S2	985.3	05/15/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.102	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175153	GELC
R-44 S2	985.3	07/15/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2019-2530	CAMO-19-181851	GELC
R-44 S2	985.3	08/27/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2019-3165	CAMO-19-184726	GELC
R-44 S2	985.3	09/12/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2019-3285	CAMO-19-186517	GELC
R-44 S2	985.3	10/11/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2020-98	CAMO-20-188145	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.444	—	—	0.33	mg/L	Y	J	J	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0523	—	—	0.02	mg/L	Y	—	U	N3B-2019-526	CAMO-19-163989	GELC
R-44 S2	985.3	12/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0289	—	—	0.02	mg/L	Y	J	U	N3B-2019-699	CAMO-19-164855	GELC
R-44 S2	985.3	01/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0422	—	—	0.02	mg/L	Y	J	U	N3B-2019-792	CAMO-19-165975	GELC
R-44 S2	985.3	02/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0464	—	—	0.02	mg/L	Y	J	U	N3B-2019-896	CAMO-19-166452	GELC
R-44 S2	985.3	03/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0735	—	—	0.02	mg/L	Y	—	NQ	N3B-2019-1209	CAMO-19-167699	GELC
R-44 S2	985.3	04/30/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.039	—	—	0.02	mg/L	Y	J	J	N3B-2019-1640	CAMO-19-174819	GELC
R-44 S2	985.3	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0261	—	—	0.02	mg/L	Y	J	J	N3B-2019-2011	CAMO-19-175152	GELC
R-44 S2	985.3	07/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0775	—	—	0.02	mg/L	Y	—	NQ	N3B-2019-2530	CAMO-19-181850	GELC
R-44 S2	985.3	08/27/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0687	—	—	0.02	mg/L	Y	—	NQ	N3B-2019-3165	CAMO-19-184725	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.082	—	—	0.02	mg/L	Y	—	NQ	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	05/18/2017	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.834	0.772	2.634	—	pCi/L	Y	U	U	2017-1618	CAMO-17-133049	ARSL
R-44 S2	985.3	08/03/2017	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.786	0.961	3.017	—	pCi/L	Y	U	U	2017-2444	CAMO-17-142309	ARSL
R-44 S2	985.3	11/20/2017	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-1.019	0.818	2.79	—	pCi/L	Y	U	U	2018-1067	CAMO-18-148078	ARSL
R-44 S2	985.3	11/20/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.326	0.846	2.706	—	pCi/L	Y	U	U	N3B-2019-573	CAMO-19-163990	ARSL
R-44 S2	985.3	01/22/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-1.127	0.937	3.186	—	pCi/L	Y	U	U	N3B-2019-836	CAMO-19-165976	ARSL
R-44 S2	985.3	05/15/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.87	1.721	5.859	—	pCi/L	Y	U	U	N3B-2019-1983	CAMO-19-175153	ARSL
R-44 S2	985.3	09/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.447	—	—	0.067	µg/L	Y	—	NQ	N3B-2018-3903	CAMO-18-160792	GELC
R-44 S2	985.3	09/18/2018	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.438	—	—	0.067	µg/L	Y	—	NQ	N3B-2018-3903	CAMO-18-160795	GELC
R-44 S2	985.3	10/29/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.442	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-289	CAMO-19-163713	GELC
R-44 S2	985.3	11/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.443	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-526	CAMO-19-163989	GELC
R-44 S2	985.3	12/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.472	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164855	GELC
R-44 S2	985.3	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.508	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-792	CAMO-19-165975	GELC
R-44 S2	985.3	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.474	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-896	CAMO-19-166452	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-44 S2	985.3	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.456	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-1640	CAMO-19-174819	GELC
R-44 S2	985.3	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.427	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175152	GELC
R-44 S2	985.3	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.466	—	—	0.067	µg/L	Y	—	J+	N3B-2019-2228	CAMO-19-181678	GELC
R-44 S2	985.3	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.42	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-2530	CAMO-19-181850	GELC
R-44 S2	985.3	08/27/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.465	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-3165	CAMO-19-184725	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.419	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.448	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	11/12/2012	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.35	0.0307	0.0551	—	pCi/L	Y	—	NQ	2013-307	CAMO-13-24246	GELC
R-44 S2	985.3	11/05/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.339	0.0303	0.0485	—	pCi/L	Y	—	NQ	2015-238	CAMO-15-90217	GELC
R-44 S2	985.3	11/12/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.392	0.0317	0.0796	—	pCi/L	Y	—	NQ	2016-334	CAMO-16-106106	GELC
R-44 S2	985.3	11/20/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.45	0.0448	0.195	—	pCi/L	Y	—	NQ	2018-1038	CAMO-18-148078	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.332	0.0441	0.113	—	pCi/L	Y	—	NQ	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/12/2012	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0206	0.00881	0.0344	—	pCi/L	Y	U	U	2013-307	CAMO-13-24246	GELC
R-44 S2	985.3	11/05/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0264	0.0106	0.0423	—	pCi/L	Y	U	U	2015-238	CAMO-15-90217	GELC
R-44 S2	985.3	11/12/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0241	0.0113	0.0694	—	pCi/L	Y	U	U	2016-334	CAMO-16-106106	GELC
R-44 S2	985.3	11/20/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.087	0.0227	0.0842	—	pCi/L	Y	—	NQ	2018-1038	CAMO-18-148078	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0136	0.0122	0.0863	—	pCi/L	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/12/2012	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.173	0.0206	0.0374	—	pCi/L	Y	—	NQ	2013-307	CAMO-13-24246	GELC
R-44 S2	985.3	11/05/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.114	0.0177	0.0465	—	pCi/L	Y	—	NQ	2015-238	CAMO-15-90217	GELC
R-44 S2	985.3	11/12/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.2	0.0223	0.0786	—	pCi/L	Y	—	NQ	2016-334	CAMO-16-106106	GELC
R-44 S2	985.3	11/20/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.262	0.0334	0.114	—	pCi/L	Y	—	NQ	2018-1038	CAMO-18-148078	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.17	0.0319	0.117	—	pCi/L	Y	—	NQ	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	09/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.62	—	—	1	µg/L	Y	—	NQ	N3B-2018-3903	CAMO-18-160792	GELC
R-44 S2	985.3	09/18/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.05	—	—	1	µg/L	Y	—	NQ	N3B-2018-3903	CAMO-18-160795	GELC
R-44 S2	985.3	10/29/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.33	—	—	1	µg/L	Y	—	NQ	N3B-2019-289	CAMO-19-163713	GELC
R-44 S2	985.3	11/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.66	—	—	1	µg/L	Y	—	NQ	N3B-2019-526	CAMO-19-163989	GELC
R-44 S2	985.3	12/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.33	—	—	1	µg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164855	GELC
R-44 S2	985.3	01/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.61	—	—	1	µg/L	Y	—	NQ	N3B-2019-792	CAMO-19-165975	GELC
R-44 S2	985.3	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.18	—	—	1	µg/L	Y	—	NQ	N3B-2019-896	CAMO-19-166452	GELC
R-44 S2	985.3	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.79	—	—	1	µg/L	Y	—	NQ	N3B-2019-1209	CAMO-19-167699	GELC
R-44 S2	985.3	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.46	—	—	1	µg/L	Y	—	NQ	N3B-2019-1640	CAMO-19-174819	GELC
R-44 S2	985.3	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.12	—	—	1	µg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175152	GELC
R-44 S2	985.3	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.47	—	—	1	µg/L	Y	—	NQ	N3B-2019-2228	CAMO-19-181678	GELC
R-44 S2	985.3	07/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.21	—	—	1	µg/L	Y	—	NQ	N3B-2019-2530	CAMO-19-181850	GELC
R-44 S2	985.3	08/27/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.5	—	—	1	µg/L	Y	—	NQ	N3B-2019-3165	CAMO-19-184725	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.95	—	—	1	µg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	02/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2019-896	CAMO-19-166452	GELC
R-44 S2	985.3	03/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2019-1209	CAMO-19-167699	GELC
R-44 S2	985.3	04/30/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2019-1640	CAMO-19-174819	GELC
R-44 S2	985.3	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2019-2011	CAMO-19-175152	GELC
R-44 S2	985.3	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	4.1	—	—	3.3	µg/L	Y	J	J	N3B-2019-2228	CAMO-19-181678	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Zinc	Zn	Y	4.01	—	—	3.3	µg/L	Y	J	J	N3B-2019-3285	CAMO-19-186518	GELC
R-45 S1	880.0	11/16/2011	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3.5	µg/L	Y	UH	UJ	12-362	CAMO-12-1494	GELC
R-45 S1	880.0	11/06/2013	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3	µg/L	Y	UH	U	2014-2410	CAMO-14-45752	GELC
R-45 S1	880.0	11/11/2015	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3	µg/L	Y	U	U	2016-316	CAMO-16-106107	GELC
R-45 S1	880.0	11/20/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	—	1.5	µg/L	Y	U	U	2018-1038	CAMO-18-148079	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	7.3	—	—	1.5	µg/L	Y	J	J	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	09/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.96	—	—	0.01	SU	Y	H	NQ	N3B-2018-3900	CAMO-18-160798	GELC
R-45 S1	880.0	10/30/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.9	—	—	0.01	SU	Y	H	NQ	N3B-2019-307	CAMO-19-163716	GELC
R-45 S1	880.0	11/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.95	—	—	0.01	SU	Y	H	NQ	N3B-2019-507	CAMO-19-163992	GELC
R-45 S1	880.0	12/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.95	—	—	0.01	SU	Y	H	NQ	N3B-2019-699	CAMO-19-164858	GELC
R-45 S1	880.0	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.91	—	—	0.01	SU	Y	H	NQ	N3B-2019-761	CAMO-19-165978	GELC
R-45 S1	880.0	02/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.9	—	—	0.01	SU	Y	H	NQ	N3B-2019-902	CAMO-19-166455	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-45 S1	880.0	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.92	—	—	0.01	SU	Y	H	NQ	N3B-2019-1131	CAMO-19-167702	GELC
R-45 S1	880.0	04/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.98	—	—	0.01	SU	Y	H	NQ	N3B-2019-1632	CAMO-19-174822	GELC
R-45 S1	880.0	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.96	—	—	0.01	SU	Y	H	J-	N3B-2019-2011	CAMO-19-175155	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.98	—	—	0.01	SU	Y	H	NQ	N3B-2019-2198	CAMO-19-181681	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8	—	—	0.01	SU	Y	H	NQ	N3B-2019-2198	CAMO-19-181684	GELC
R-45 S1	880.0	07/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.97	—	—	0.01	SU	Y	H	NQ	N3B-2019-2554	CAMO-19-181853	GELC
R-45 S1	880.0	08/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.01	—	—	0.01	SU	Y	H	J-	N3B-2019-3111	CAMO-19-184728	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.93	—	—	0.01	SU	Y	H	NQ	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.03	—	—	0.01	SU	Y	H	NQ	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	09/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65	—	—	1.45	mg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160798	GELC
R-45 S1	880.0	10/30/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-307	CAMO-19-163716	GELC
R-45 S1	880.0	11/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-507	CAMO-19-163992	GELC
R-45 S1	880.0	12/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164858	GELC
R-45 S1	880.0	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	68.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-761	CAMO-19-165978	GELC
R-45 S1	880.0	02/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-902	CAMO-19-166455	GELC
R-45 S1	880.0	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-1131	CAMO-19-167702	GELC
R-45 S1	880.0	04/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-1632	CAMO-19-174822	GELC
R-45 S1	880.0	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66.6	—	—	1.45	mg/L	Y	H	NQ	N3B-2019-2011	CAMO-19-175155	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-2198	CAMO-19-181681	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-2198	CAMO-19-181684	GELC
R-45 S1	880.0	07/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-2554	CAMO-19-181853	GELC
R-45 S1	880.0	08/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	67.2	—	—	1.45	mg/L	Y	H	NQ	N3B-2019-3111	CAMO-19-184728	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	11/06/2012	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.000766	0.00766	0.0261	—	pCi/L	Y	U	U	2013-276	CAMO-13-24247	GELC
R-45 S1	880.0	11/05/2014	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00000000202	0.00957	0.0632	—	pCi/L	Y	U	U	2015-239	CAMO-15-90218	GELC
R-45 S1	880.0	11/11/2015	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00619	0.00744	0.0278	—	pCi/L	Y	U	U	2016-316	CAMO-16-106107	GELC
R-45 S1	880.0	11/20/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.00904	0.043	—	pCi/L	Y	U	U	2018-1038	CAMO-18-148079	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00221	0.00494	0.0446	—	pCi/L	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	09/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0352	—	—	0.017	mg/L	Y	J	J	N3B-2018-3900	CAMO-18-160798	GELC
R-45 S1	880.0	10/30/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0279	—	—	0.017	mg/L	Y	J	U	N3B-2019-307	CAMO-19-163716	GELC
R-45 S1	880.0	11/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.017	mg/L	Y	U	U	N3B-2019-507	CAMO-19-163992	GELC
R-45 S1	880.0	12/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.017	mg/L	Y	U	U	N3B-2019-699	CAMO-19-164858	GELC
R-45 S1	880.0	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0235	—	—	0.017	mg/L	Y	J	J	N3B-2019-761	CAMO-19-165978	GELC
R-45 S1	880.0	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0256	—	—	0.017	mg/L	Y	J	J	N3B-2019-1131	CAMO-19-167702	GELC
R-45 S1	880.0	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0484	—	—	0.017	mg/L	Y	J	J	N3B-2019-2011	CAMO-19-175155	GELC
R-45 S1	880.0	07/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0568	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-2554	CAMO-19-181853	GELC
R-45 S1	880.0	09/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.23	—	—	2	µg/L	Y	J	J	N3B-2018-3900	CAMO-18-160798	GELC
R-45 S1	880.0	10/30/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.46	—	—	2	µg/L	Y	J	J	N3B-2019-307	CAMO-19-163716	GELC
R-45 S1	880.0	11/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.42	—	—	2	µg/L	Y	J	J	N3B-2019-507	CAMO-19-163992	GELC
R-45 S1	880.0	12/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.32	—	—	2	µg/L	Y	J	J	N3B-2019-699	CAMO-19-164858	GELC
R-45 S1	880.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.42	—	—	2	µg/L	Y	J	J	N3B-2019-761	CAMO-19-165978	GELC
R-45 S1	880.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.35	—	—	2	µg/L	Y	J	J	N3B-2019-1131	CAMO-19-167702	GELC
R-45 S1	880.0	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.19	—	—	2	µg/L	Y	J	J	N3B-2019-1632	CAMO-19-174822	GELC
R-45 S1	880.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.59	—	—	2	µg/L	Y	J	J	N3B-2019-2011	CAMO-19-175155	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.01	—	—	2	µg/L	Y	J	J	N3B-2019-2198	CAMO-19-181681	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	N3B-2019-2198	CAMO-19-181684	GELC
R-45 S1	880.0	07/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.83	—	—	2	µg/L	Y	J	J	N3B-2019-2554	CAMO-19-181853	GELC
R-45 S1	880.0	08/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.9	—	—	2	µg/L	Y	J	J	N3B-2019-3111	CAMO-19-184728	GELC
R-45 S1	880.0	09/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	26.7	—	—	1	µg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160798	GELC
R-45 S1	880.0	10/30/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	28	—	—	1	µg/L	Y	—	NQ	N3B-2019-307	CAMO-19-163716	GELC
R-45 S1	880.0	11/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	28.8	—	—	1	µg/L	Y	—	NQ	N3B-2019-507	CAMO-19-163992	GELC
R-45 S1	880.0	12/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	26.9	—	—	1	µg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164858	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-45 S1	880.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	26.5	—	—	1	µg/L	Y	—	NQ	N3B-2019-761	CAMO-19-165978	GELC
R-45 S1	880.0	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	28.3	—	—	1	µg/L	Y	—	NQ	N3B-2019-902	CAMO-19-166455	GELC
R-45 S1	880.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	26.9	—	—	1	µg/L	Y	—	NQ	N3B-2019-1131	CAMO-19-167702	GELC
R-45 S1	880.0	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	27.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-1632	CAMO-19-174822	GELC
R-45 S1	880.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	24.9	—	—	1	µg/L	Y	*	NQ	N3B-2019-2011	CAMO-19-175155	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	27.3	—	—	1	µg/L	Y	—	NQ	N3B-2019-2198	CAMO-19-181681	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	27.1	—	—	1	µg/L	Y	—	NQ	N3B-2019-2198	CAMO-19-181684	GELC
R-45 S1	880.0	07/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	26.7	—	—	1	µg/L	Y	—	NQ	N3B-2019-2554	CAMO-19-181853	GELC
R-45 S1	880.0	08/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	29.6	—	—	1	µg/L	Y	—	NQ	N3B-2019-3111	CAMO-19-184728	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	25.9	—	—	1	µg/L	Y	—	NQ	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	28.4	—	—	1	µg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	10/30/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	16.7	—	—	15	µg/L	Y	J	J	N3B-2019-307	CAMO-19-163716	GELC
R-45 S1	880.0	11/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	24.4	—	—	15	µg/L	Y	J	J	N3B-2019-507	CAMO-19-163992	GELC
R-45 S1	880.0	12/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2019-699	CAMO-19-164858	GELC
R-45 S1	880.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2019-761	CAMO-19-165978	GELC
R-45 S1	880.0	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	20.2	—	—	15	µg/L	Y	J	J	N3B-2019-902	CAMO-19-166455	GELC
R-45 S1	880.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	15.7	—	—	15	µg/L	Y	J	J	N3B-2019-1131	CAMO-19-167702	GELC
R-45 S1	880.0	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	18.7	—	—	15	µg/L	Y	J	J	N3B-2019-1632	CAMO-19-174822	GELC
R-45 S1	880.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	18	—	—	15	µg/L	Y	J	J	N3B-2019-2011	CAMO-19-175155	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	15.4	—	—	15	µg/L	Y	J	J	N3B-2019-2198	CAMO-19-181681	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	Y	15.2	—	—	15	µg/L	Y	J	J	N3B-2019-2198	CAMO-19-181684	GELC
R-45 S1	880.0	08/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	16.5	—	—	15	µg/L	Y	J	J	N3B-2019-3111	CAMO-19-184728	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	16.4	—	—	15	µg/L	Y	J	J	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	09/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0825	—	—	0.067	mg/L	Y	J	J	N3B-2018-3900	CAMO-18-160798	GELC
R-45 S1	880.0	10/30/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.637	—	—	0.335	mg/L	Y	J	J	N3B-2019-307	CAMO-19-163716	GELC
R-45 S1	880.0	11/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067	mg/L	Y	U	U	N3B-2019-507	CAMO-19-163992	GELC
R-45 S1	880.0	12/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.101	—	—	0.067	mg/L	Y	J	J	N3B-2019-699	CAMO-19-164858	GELC
R-45 S1	880.0	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0758	—	—	0.067	mg/L	Y	J	J	N3B-2019-761	CAMO-19-165978	GELC
R-45 S1	880.0	02/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0844	—	—	0.067	mg/L	Y	J	J	N3B-2019-902	CAMO-19-166455	GELC
R-45 S1	880.0	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0869	—	—	0.067	mg/L	Y	J	J	N3B-2019-1131	CAMO-19-167702	GELC
R-45 S1	880.0	09/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160798	GELC
R-45 S1	880.0	10/30/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-307	CAMO-19-163716	GELC
R-45 S1	880.0	11/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	18	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-507	CAMO-19-163992	GELC
R-45 S1	880.0	12/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16.9	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164858	GELC
R-45 S1	880.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16.9	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-761	CAMO-19-165978	GELC
R-45 S1	880.0	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	18.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-902	CAMO-19-166455	GELC
R-45 S1	880.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1131	CAMO-19-167702	GELC
R-45 S1	880.0	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	18.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1632	CAMO-19-174822	GELC
R-45 S1	880.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175155	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2198	CAMO-19-181681	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2198	CAMO-19-181684	GELC
R-45 S1	880.0	07/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2554	CAMO-19-181853	GELC
R-45 S1	880.0	08/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	18.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3111	CAMO-19-184728	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	11/06/2012	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.912	1.7	5.99	—	pCi/L	Y	U	U	2013-276	CAMO-13-24247	GELC
R-45 S1	880.0	11/05/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.659	1.42	4.3	—	pCi/L	Y	U	U	2015-239	CAMO-15-90218	GELC
R-45 S1	880.0	11/11/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.667	1.66	6.1	—	pCi/L	Y	U	U	2016-316	CAMO-16-106107	GELC
R-45 S1	880.0	11/20/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.155	1.06	4.11	—	pCi/L	Y	U	U	2018-1038	CAMO-18-148079	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.679	1.79	6.16	—	pCi/L	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	09/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.71	—	—	0.067	mg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160798	GELC
R-45 S1	880.0	10/30/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.26	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-307	CAMO-19-163716	GELC
R-45 S1	880.0	11/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.34	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-507	CAMO-19-163992	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-45 S1	880.0	12/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.11	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164858	GELC
R-45 S1	880.0	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.17	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-761	CAMO-19-165978	GELC
R-45 S1	880.0	02/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.84	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-902	CAMO-19-166455	GELC
R-45 S1	880.0	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.06	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-1131	CAMO-19-167702	GELC
R-45 S1	880.0	04/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.1	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-1632	CAMO-19-174822	GELC
R-45 S1	880.0	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.48	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175155	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.59	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-2198	CAMO-19-181681	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.72	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-2198	CAMO-19-181684	GELC
R-45 S1	880.0	07/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.6	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-2554	CAMO-19-181853	GELC
R-45 S1	880.0	08/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.95	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-3111	CAMO-19-184728	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.1	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.82	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	09/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	39.2	—	—	3	µg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160798	GELC
R-45 S1	880.0	10/30/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	35.5	—	—	3	µg/L	Y	—	NQ	N3B-2019-307	CAMO-19-163716	GELC
R-45 S1	880.0	11/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	40.5	—	—	3	µg/L	Y	—	NQ	N3B-2019-507	CAMO-19-163992	GELC
R-45 S1	880.0	12/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	36.8	—	—	3	µg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164858	GELC
R-45 S1	880.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	38.9	—	—	3	µg/L	Y	—	NQ	N3B-2019-761	CAMO-19-165978	GELC
R-45 S1	880.0	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	37.4	—	—	3	µg/L	Y	—	NQ	N3B-2019-902	CAMO-19-166455	GELC
R-45 S1	880.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	35	—	—	3	µg/L	Y	—	NQ	N3B-2019-1131	CAMO-19-167702	GELC
R-45 S1	880.0	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	30.7	—	—	3	µg/L	Y	—	NQ	N3B-2019-1632	CAMO-19-174822	GELC
R-45 S1	880.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	30	—	—	3	µg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175155	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	35.4	—	—	3	µg/L	Y	—	NQ	N3B-2019-2198	CAMO-19-181681	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	31	—	—	3	µg/L	Y	—	NQ	N3B-2019-2198	CAMO-19-181684	GELC
R-45 S1	880.0	07/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	31.4	—	—	3	µg/L	Y	—	NQ	N3B-2019-2554	CAMO-19-181853	GELC
R-45 S1	880.0	08/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	33.6	—	—	3	µg/L	Y	—	NQ	N3B-2019-3111	CAMO-19-184728	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	33	—	—	3	µg/L	Y	—	NQ	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	31.9	—	—	3	µg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	11/06/2012	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.56	1.66	5.75	—	pCi/L	Y	U	U	2013-276	CAMO-13-24247	GELC
R-45 S1	880.0	11/05/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.42	1.21	4.09	—	pCi/L	Y	U	U	2015-239	CAMO-15-90218	GELC
R-45 S1	880.0	11/11/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	4.24	1.51	6.91	—	pCi/L	Y	U	U	2016-316	CAMO-16-106107	GELC
R-45 S1	880.0	11/20/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.178	1.17	4.92	—	pCi/L	Y	U	U	2018-1038	CAMO-18-148079	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.0974	1.19	4.78	—	pCi/L	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	09/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.363	—	—	0.033	mg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160798	GELC
R-45 S1	880.0	10/30/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.307	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-307	CAMO-19-163716	GELC
R-45 S1	880.0	11/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.274	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-507	CAMO-19-163992	GELC
R-45 S1	880.0	12/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.241	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164858	GELC
R-45 S1	880.0	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.297	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-761	CAMO-19-165978	GELC
R-45 S1	880.0	02/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.387	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-902	CAMO-19-166455	GELC
R-45 S1	880.0	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.324	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-1131	CAMO-19-167702	GELC
R-45 S1	880.0	04/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.491	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-1632	CAMO-19-174822	GELC
R-45 S1	880.0	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.386	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175155	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.378	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2198	CAMO-19-181681	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.356	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2198	CAMO-19-181684	GELC
R-45 S1	880.0	07/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.504	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2554	CAMO-19-181853	GELC
R-45 S1	880.0	08/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.518	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-3111	CAMO-19-184728	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0684	—	—	0.033	mg/L	Y	J	J	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.391	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	11/06/2012	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.806	0.75	2.78	—	pCi/L	Y	U	U	2013-276	CAMO-13-24247	GELC
R-45 S1	880.0	11/05/2014	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-1.15	0.559	2.97	—	pCi/L	Y	U	U	2015-239	CAMO-15-90218	GELC
R-45 S1	880.0	11/11/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.914	0.583	2.88	—	pCi/L	Y	U	U	2016-316	CAMO-16-106107	GELC
R-45 S1	880.0	11/20/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.1	0.948	2.85	—	pCi/L	Y	U	U	2018-1038	CAMO-18-148079	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.386	0.743	2.97	—	pCi/L	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/06/2012	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.68	0.674	2.02	—	pCi/L	Y	U	U	2013-276	CAMO-13-24247	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-45 S1	880.0	11/05/2014	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	-0.153	0.601	2.2	—	pCi/L	Y	U	U	2015-239	CAMO-15-90218	GELC
R-45 S1	880.0	11/11/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.3	0.886	2.8	—	pCi/L	Y	U	U	2016-316	CAMO-16-106107	GELC
R-45 S1	880.0	11/20/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.24	0.772	2.24	—	pCi/L	Y	U	U	2018-1038	CAMO-18-148079	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.981	0.498	1.63	—	pCi/L	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	09/10/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	62	—	—	0.453	mg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160798	GELC
R-45 S1	880.0	10/30/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	64.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-307	CAMO-19-163716	GELC
R-45 S1	880.0	11/19/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	67.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-507	CAMO-19-163992	GELC
R-45 S1	880.0	12/19/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	61.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164858	GELC
R-45 S1	880.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	61.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-761	CAMO-19-165978	GELC
R-45 S1	880.0	02/12/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	65.9	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-902	CAMO-19-166455	GELC
R-45 S1	880.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	62.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-1131	CAMO-19-167702	GELC
R-45 S1	880.0	04/26/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	68.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-1632	CAMO-19-174822	GELC
R-45 S1	880.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	61.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175155	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	63.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2198	CAMO-19-181681	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	62.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2198	CAMO-19-181684	GELC
R-45 S1	880.0	07/16/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	61.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2554	CAMO-19-181853	GELC
R-45 S1	880.0	08/23/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	68.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-3111	CAMO-19-184728	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	58.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	64.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	09/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.7	—	—	0.11	mg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160798	GELC
R-45 S1	880.0	10/30/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.25	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-307	CAMO-19-163716	GELC
R-45 S1	880.0	11/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.52	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-507	CAMO-19-163992	GELC
R-45 S1	880.0	12/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.59	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164858	GELC
R-45 S1	880.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.76	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-761	CAMO-19-165978	GELC
R-45 S1	880.0	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.02	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-902	CAMO-19-166455	GELC
R-45 S1	880.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.63	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-1131	CAMO-19-167702	GELC
R-45 S1	880.0	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.45	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-1632	CAMO-19-174822	GELC
R-45 S1	880.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.99	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175155	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.74	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-2198	CAMO-19-181681	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.63	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-2198	CAMO-19-181684	GELC
R-45 S1	880.0	07/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.43	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-2554	CAMO-19-181853	GELC
R-45 S1	880.0	08/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.4	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-3111	CAMO-19-184728	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.44	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.83	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	09/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.774	—	—	0.2	µg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160798	GELC
R-45 S1	880.0	10/30/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.763	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-307	CAMO-19-163716	GELC
R-45 S1	880.0	11/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.715	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-507	CAMO-19-163992	GELC
R-45 S1	880.0	12/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.77	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164858	GELC
R-45 S1	880.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.797	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-761	CAMO-19-165978	GELC
R-45 S1	880.0	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.795	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-902	CAMO-19-166455	GELC
R-45 S1	880.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.772	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-1131	CAMO-19-167702	GELC
R-45 S1	880.0	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.801	—	—	0.2	µg/L	Y	J	J	N3B-2019-1632	CAMO-19-174822	GELC
R-45 S1	880.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.621	—	—	0.2	µg/L	Y	J	J	N3B-2019-2011	CAMO-19-175155	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.929	—	—	0.2	µg/L	Y	J	J	N3B-2019-2198	CAMO-19-181681	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.832	—	—	0.2	µg/L	Y	J	J	N3B-2019-2198	CAMO-19-181684	GELC
R-45 S1	880.0	07/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.824	—	—	0.2	µg/L	Y	J	J	N3B-2019-2554	CAMO-19-181853	GELC
R-45 S1	880.0	08/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.828	—	—	0.2	µg/L	Y	J	J	N3B-2019-3111	CAMO-19-184728	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	0.788	—	—	0.2	µg/L	Y	J	J	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	0.788	—	—	0.2	µg/L	Y	J	J	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	11/06/2012	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-5.88	3.63	11.7	—	pCi/L	Y	U	U	2013-276	CAMO-13-24247	GELC
R-45 S1	880.0	11/05/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.19	2.5	8.94	—	pCi/L	Y	U	U	2015-239	CAMO-15-90218	GELC
R-45 S1	880.0	11/11/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.53	2.94	10.8	—	pCi/L	Y	U	U	2016-316	CAMO-16-106107	GELC
R-45 S1	880.0	11/20/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	7.51	3.13	12.5	—	pCi/L	Y	U	U	2018-1038	CAMO-18-148079	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	3.79	2.66	9.72	—	pCi/L	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	09/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.674	—	—	0.6	µg/L	Y	J	J	N3B-2018-3900	CAMO-18-160798	GELC
R-45 S1	880.0	10/30/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.61	—	—	0.6	µg/L	Y	J	J	N3B-2019-307	CAMO-19-163716	GELC
R-45 S1	880.0	11/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.623	—	—	0.6	µg/L	Y	J	J	N3B-2019-507	CAMO-19-163992	GELC
R-45 S1	880.0	12/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.63	—	—	0.6	µg/L	Y	J	J	N3B-2019-699	CAMO-19-164858	GELC
R-45 S1	880.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.635	—	—	0.6	µg/L	Y	J	J	N3B-2019-761	CAMO-19-165978	GELC
R-45 S1	880.0	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.647	—	—	0.6	µg/L	Y	J	J	N3B-2019-902	CAMO-19-166455	GELC
R-45 S1	880.0	09/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.82	—	—	0.085	mg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160798	GELC
R-45 S1	880.0	10/30/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.21	—	—	0.17	mg/L	Y	—	NQ	N3B-2019-307	CAMO-19-163716	GELC
R-45 S1	880.0	11/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.87	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-507	CAMO-19-163992	GELC
R-45 S1	880.0	12/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.11	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164858	GELC
R-45 S1	880.0	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.7	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-761	CAMO-19-165978	GELC
R-45 S1	880.0	02/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.63	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-902	CAMO-19-166455	GELC
R-45 S1	880.0	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.81	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-1131	CAMO-19-167702	GELC
R-45 S1	880.0	04/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.57	—	—	0.17	mg/L	Y	—	NQ	N3B-2019-1632	CAMO-19-174822	GELC
R-45 S1	880.0	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.62	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175155	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.78	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-2198	CAMO-19-181681	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.66	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-2198	CAMO-19-181684	GELC
R-45 S1	880.0	07/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.69	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-2554	CAMO-19-181853	GELC
R-45 S1	880.0	08/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.46	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-3111	CAMO-19-184728	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.82	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.43	—	—	0.085	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	11/06/2013	WG	UF	INIT	REG	SVOC	SW-846:8270C	Nitroso-di-n-butylamine[N-]	924-16-3	N	10	—	—	1	µg/L	Y	U	U	2014-2410	CAMO-14-45752	GELC
R-45 S1	880.0	11/05/2014	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	5	—	—	1.4	µg/L	Y	U	U	2015-241	CAMO-15-90218	SHEALY
R-45 S1	880.0	11/11/2015	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	5.1	—	—	1.53	µg/L	Y	U	U	2016-316	CAMO-16-106107	GELC
R-45 S1	880.0	11/11/2015	WG	UF	INIT	REG	SVOC	SW-846:8270DGCMS_SIM	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.103	—	—	0.0309	µg/L	Y	U	U	2016-316	CAMO-16-106107	GELC
R-45 S1	880.0	11/20/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.09	—	—	3.09	µg/L	Y	U	U	2018-1038	CAMO-18-148079	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	Y	0.000479	—	—	0.00047	µg/L	Y	J	J	N3B-2020-384	CAMO-20-189169	SWRI
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3	—	—	3	µg/L	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	09/10/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.605	—	—	0.05	µg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160798	GELC
R-45 S1	880.0	10/30/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.571	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-307	CAMO-19-163716	GELC
R-45 S1	880.0	11/19/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.662	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-507	CAMO-19-163992	GELC
R-45 S1	880.0	12/19/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.597	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164858	GELC
R-45 S1	880.0	01/15/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.61	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-761	CAMO-19-165978	GELC
R-45 S1	880.0	02/12/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.591	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-902	CAMO-19-166455	GELC
R-45 S1	880.0	03/14/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.555	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-1131	CAMO-19-167702	GELC
R-45 S1	880.0	04/26/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.55	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-1632	CAMO-19-174822	GELC
R-45 S1	880.0	05/15/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.54	—	—	0.05	µg/L	Y	—	J-	N3B-2019-2011	CAMO-19-175155	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.61	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-2198	CAMO-19-181681	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.584	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-2198	CAMO-19-181684	GELC
R-45 S1	880.0	07/16/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.565	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-2554	CAMO-19-181853	GELC
R-45 S1	880.0	08/23/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.546	—	—	0.05	µg/L	Y	—	J	N3B-2019-3111	CAMO-19-184728	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.539	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.562	—	—	0.05	µg/L	Y	—	J	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	11/06/2012	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00169	0.0059	0.0278	—	pCi/L	Y	U	U	2013-276	CAMO-13-24247	GELC
R-45 S1	880.0	11/05/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00683	0.00683	0.0458	—	pCi/L	Y	U	U	2015-239	CAMO-15-90218	GELC
R-45 S1	880.0	11/11/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0048	0.00759	0.0281	—	pCi/L	Y	U	U	2016-316	CAMO-16-106107	GELC
R-45 S1	880.0	11/20/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00833	0.00659	0.0307	—	pCi/L	Y	U	U	2018-1038	CAMO-18-148079	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00231	0.00765	0.0449	—	pCi/L	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/06/2012	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00301	0.00487	0.0459	—	pCi/L	Y	U	U	2013-276	CAMO-13-24247	GELC
R-45 S1	880.0	11/05/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0102	0.00764	0.0676	—	pCi/L	Y	U	U	2015-239	CAMO-15-90218	GELC
R-45 S1	880.0	11/11/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0024	0.00796	0.0539	—	pCi/L	Y	U	U	2016-316	CAMO-16-106107	GELC
R-45 S1	880.0	11/20/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0146	0.00859	0.0439	—	pCi/L	Y	U	U	2018-1038	CAMO-18-148079	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00692	0.0061	0.036	—	pCi/L	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	09/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.12	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160798	GELC
R-45 S1	880.0	10/30/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.15	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-307	CAMO-19-163716	GELC
R-45 S1	880.0	11/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.35	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-507	CAMO-19-163992	GELC
R-45 S1	880.0	12/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.07	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164858	GELC
R-45 S1	880.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.19	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-761	CAMO-19-165978	GELC
R-45 S1	880.0	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.22	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-902	CAMO-19-166455	GELC
R-45 S1	880.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.07	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1131	CAMO-19-167702	GELC
R-45 S1	880.0	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.23	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1632	CAMO-19-174822	GELC
R-45 S1	880.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.11	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175155	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.18	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2198	CAMO-19-181681	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	1.19	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2198	CAMO-19-181684	GELC
R-45 S1	880.0	07/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.22	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2554	CAMO-19-181853	GELC
R-45 S1	880.0	08/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3111	CAMO-19-184728	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.14	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.49	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	11/06/2012	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	0.685	22.8	85.3	—	pCi/L	Y	U	U	2013-276	CAMO-13-24247	GELC
R-45 S1	880.0	11/05/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-10.3	19	53.9	—	pCi/L	Y	U	U	2015-239	CAMO-15-90218	GELC
R-45 S1	880.0	11/11/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-0.873	15.6	63.5	—	pCi/L	Y	U	U	2016-316	CAMO-16-106107	GELC
R-45 S1	880.0	11/20/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	48.2	28.3	48.1	—	pCi/L	Y	UI	U	2018-1038	CAMO-18-148079	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	37.8	18.9	80.9	—	pCi/L	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/16/2011	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.151	0.11	0.35	—	pCi/L	Y	U	U	12-363	CAMO-12-1494	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	2.31	0.317	0.389	—	pCi/L	Y	—	NQ	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	2.64	0.344	—	—	pCi/L	Y	—	NQ	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/16/2011	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.107	0.11	0.38	—	pCi/L	Y	U	U	12-363	CAMO-12-1494	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.325	0.133	0.407	—	pCi/L	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	09/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160798	GELC
R-45 S1	880.0	10/30/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	64.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-307	CAMO-19-163716	GELC
R-45 S1	880.0	11/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-507	CAMO-19-163992	GELC
R-45 S1	880.0	12/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164858	GELC
R-45 S1	880.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-761	CAMO-19-165978	GELC
R-45 S1	880.0	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-902	CAMO-19-166455	GELC
R-45 S1	880.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-1131	CAMO-19-167702	GELC
R-45 S1	880.0	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	71	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-1632	CAMO-19-174822	GELC
R-45 S1	880.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175155	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-2198	CAMO-19-181681	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-2198	CAMO-19-181684	GELC
R-45 S1	880.0	07/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-2554	CAMO-19-181853	GELC
R-45 S1	880.0	08/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-3111	CAMO-19-184728	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	09/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160798	GELC
R-45 S1	880.0	10/30/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.5	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-307	CAMO-19-163716	GELC
R-45 S1	880.0	11/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.7	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-507	CAMO-19-163992	GELC
R-45 S1	880.0	12/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.82	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164858	GELC
R-45 S1	880.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-761	CAMO-19-165978	GELC
R-45 S1	880.0	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.8	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-902	CAMO-19-166455	GELC
R-45 S1	880.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-1131	CAMO-19-167702	GELC
R-45 S1	880.0	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.9	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-1632	CAMO-19-174822	GELC
R-45 S1	880.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175155	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-2198	CAMO-19-181681	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-2198	CAMO-19-181684	GELC
R-45 S1	880.0	07/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-2554	CAMO-19-181853	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-45 S1	880.0	08/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.8	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-3111	CAMO-19-184728	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.69	—	—	0.1	mg/L	Y	—	J+	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.7	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	11/06/2012	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.71	1.64	5.62	—	pCi/L	Y	U	U	2013-276	CAMO-13-24247	GELC
R-45 S1	880.0	11/05/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.0293	1.18	4.36	—	pCi/L	Y	U	U	2015-239	CAMO-15-90218	GELC
R-45 S1	880.0	11/11/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.126	1.57	5.97	—	pCi/L	Y	U	U	2016-316	CAMO-16-106107	GELC
R-45 S1	880.0	11/20/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.288	1.14	4.85	—	pCi/L	Y	U	U	2018-1038	CAMO-18-148079	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.38	1.67	5.15	—	pCi/L	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	09/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	188	—	—	1	µS/cm	Y	—	NQ	N3B-2018-3900	CAMO-18-160798	GELC
R-45 S1	880.0	10/30/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	182	—	—	1	µS/cm	Y	—	NQ	N3B-2019-307	CAMO-19-163716	GELC
R-45 S1	880.0	11/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	186	—	—	1	µS/cm	Y	—	NQ	N3B-2019-507	CAMO-19-163992	GELC
R-45 S1	880.0	12/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	182	—	—	1	µS/cm	Y	—	NQ	N3B-2019-699	CAMO-19-164858	GELC
R-45 S1	880.0	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	182	—	—	1	µS/cm	Y	—	NQ	N3B-2019-761	CAMO-19-165978	GELC
R-45 S1	880.0	02/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	197	—	—	1	µS/cm	Y	—	NQ	N3B-2019-902	CAMO-19-166455	GELC
R-45 S1	880.0	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	186	—	—	1	µS/cm	Y	—	NQ	N3B-2019-1131	CAMO-19-167702	GELC
R-45 S1	880.0	04/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	179	—	—	1	µS/cm	Y	—	NQ	N3B-2019-1632	CAMO-19-174822	GELC
R-45 S1	880.0	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	176	—	—	1	µS/cm	Y	—	NQ	N3B-2019-2011	CAMO-19-175155	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	177	—	—	1	µS/cm	Y	—	NQ	N3B-2019-2198	CAMO-19-181681	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	177	—	—	1	µS/cm	Y	—	NQ	N3B-2019-2198	CAMO-19-181684	GELC
R-45 S1	880.0	07/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	197	—	—	1	µS/cm	Y	—	NQ	N3B-2019-2554	CAMO-19-181853	GELC
R-45 S1	880.0	08/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	151	—	—	1	µS/cm	Y	—	NQ	N3B-2019-3111	CAMO-19-184728	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	153	—	—	1	µS/cm	Y	—	NQ	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	157	—	—	1	µS/cm	Y	—	NQ	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	09/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	73	—	—	1	µg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160798	GELC
R-45 S1	880.0	10/30/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	75.9	—	—	1	µg/L	Y	—	NQ	N3B-2019-307	CAMO-19-163716	GELC
R-45 S1	880.0	11/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	79.3	—	—	1	µg/L	Y	—	NQ	N3B-2019-507	CAMO-19-163992	GELC
R-45 S1	880.0	12/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	73.4	—	—	1	µg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164858	GELC
R-45 S1	880.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	72.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-761	CAMO-19-165978	GELC
R-45 S1	880.0	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	76.9	—	—	1	µg/L	Y	—	NQ	N3B-2019-902	CAMO-19-166455	GELC
R-45 S1	880.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	74.3	—	—	1	µg/L	Y	—	NQ	N3B-2019-1131	CAMO-19-167702	GELC
R-45 S1	880.0	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	77.5	—	—	1	µg/L	Y	—	NQ	N3B-2019-1632	CAMO-19-174822	GELC
R-45 S1	880.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	73.1	—	—	1	µg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175155	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	71.1	—	—	1	µg/L	Y	—	NQ	N3B-2019-2198	CAMO-19-181681	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	70.6	—	—	1	µg/L	Y	—	NQ	N3B-2019-2198	CAMO-19-181684	GELC
R-45 S1	880.0	07/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	74.4	—	—	1	µg/L	Y	—	NQ	N3B-2019-2554	CAMO-19-181853	GELC
R-45 S1	880.0	08/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	79.1	—	—	1	µg/L	Y	—	NQ	N3B-2019-3111	CAMO-19-184728	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	70.3	—	—	1	µg/L	Y	—	NQ	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	78.3	—	—	1	µg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	11/06/2012	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0292	0.102	0.403	—	pCi/L	Y	U	U	2013-276	CAMO-13-24247	GELC
R-45 S1	880.0	11/05/2014	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0647	0.132	0.486	—	pCi/L	Y	U	U	2015-239	CAMO-15-90218	GELC
R-45 S1	880.0	11/11/2015	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.278	0.111	0.486	—	pCi/L	Y	U	U	2016-316	CAMO-16-106107	GELC
R-45 S1	880.0	11/20/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.208	0.13	0.488	—	pCi/L	Y	U	U	2018-1038	CAMO-18-148079	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.00611	0.14	0.486	—	pCi/L	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	09/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	8.66	—	—	0.133	mg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160798	GELC
R-45 S1	880.0	10/30/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	8.06	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-307	CAMO-19-163716	GELC
R-45 S1	880.0	11/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	8.08	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-507	CAMO-19-163992	GELC
R-45 S1	880.0	12/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.84	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164858	GELC
R-45 S1	880.0	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.7	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-761	CAMO-19-165978	GELC
R-45 S1	880.0	02/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.31	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-902	CAMO-19-166455	GELC
R-45 S1	880.0	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.54	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-1131	CAMO-19-167702	GELC
R-45 S1	880.0	04/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.68	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-1632	CAMO-19-174822	GELC
R-45 S1	880.0	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.7	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175155	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.84	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-2198	CAMO-19-181681	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-45 S1	880.0	06/13/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.83	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-2198	CAMO-19-181684	GELC
R-45 S1	880.0	07/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.84	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-2554	CAMO-19-181853	GELC
R-45 S1	880.0	08/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.24	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-3111	CAMO-19-184728	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.96	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.06	—	—	0.133	mg/L	Y	—	J+	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	09/10/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2018-3900	CAMO-18-160798	GELC
R-45 S1	880.0	09/10/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2018-3900	CAMO-18-160799	GELC
R-45 S1	880.0	10/30/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-307	CAMO-19-163716	GELC
R-45 S1	880.0	10/30/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-307	CAMO-19-163717	GELC
R-45 S1	880.0	11/19/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-507	CAMO-19-163992	GELC
R-45 S1	880.0	11/19/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-507	CAMO-19-163993	GELC
R-45 S1	880.0	12/19/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-699	CAMO-19-164858	GELC
R-45 S1	880.0	12/19/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-699	CAMO-19-164859	GELC
R-45 S1	880.0	01/15/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-761	CAMO-19-165978	GELC
R-45 S1	880.0	01/15/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-761	CAMO-19-165979	GELC
R-45 S1	880.0	02/12/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-902	CAMO-19-166455	GELC
R-45 S1	880.0	02/12/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-902	CAMO-19-166456	GELC
R-45 S1	880.0	03/14/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-1131	CAMO-19-167702	GELC
R-45 S1	880.0	03/14/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-1131	CAMO-19-167703	GELC
R-45 S1	880.0	04/26/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-1632	CAMO-19-174821	GELC
R-45 S1	880.0	04/26/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-1632	CAMO-19-174822	GELC
R-45 S1	880.0	05/15/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-1916	CAMO-19-175156	GELC
R-45 S1	880.0	05/15/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-2011	CAMO-19-175155	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-2198	CAMO-19-181681	GELC
R-45 S1	880.0	06/13/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-2198	CAMO-19-181682	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-2198	CAMO-19-181684	GELC
R-45 S1	880.0	06/13/2019	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-2198	CAMO-19-181685	GELC
R-45 S1	880.0	07/16/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-2554	CAMO-19-181853	GELC
R-45 S1	880.0	07/16/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-2554	CAMO-19-181854	GELC
R-45 S1	880.0	08/23/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	5	—	—	—	deg C	Y	—	NQ	N3B-2019-3111	CAMO-19-184728	GELC
R-45 S1	880.0	08/23/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	5	—	—	—	deg C	Y	—	NQ	N3B-2019-3111	CAMO-19-184729	GELC
R-45 S1	880.0	09/26/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-3594	CAMO-19-186520	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	12/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2019-699	CAMO-19-164858	GELC
R-45 S1	880.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	7.84	—	—	2.5	µg/L	Y	J	U	N3B-2019-761	CAMO-19-165978	GELC
R-45 S1	880.0	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2019-902	CAMO-19-166455	GELC
R-45 S1	880.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2019-1131	CAMO-19-167702	GELC
R-45 S1	880.0	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	7.23	—	—	2.5	µg/L	Y	J	J	N3B-2019-1632	CAMO-19-174822	GELC
R-45 S1	880.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	17.1	—	—	2.5	µg/L	Y	—	J+	N3B-2019-2011	CAMO-19-175155	GELC
R-45 S1	880.0	09/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	136	—	—	3.4	mg/L	Y	H	NQ	N3B-2018-3900	CAMO-18-160798	GELC
R-45 S1	880.0	10/30/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	180	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-307	CAMO-19-163716	GELC
R-45 S1	880.0	11/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	126	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-507	CAMO-19-163992	GELC
R-45 S1	880.0	12/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	266	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164858	GELC
R-45 S1	880.0	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	231	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-761	CAMO-19-165978	GELC
R-45 S1	880.0	02/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	114	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-902	CAMO-19-166455	GELC
R-45 S1	880.0	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	167	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-1131	CAMO-19-167702	GELC
R-45 S1	880.0	04/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	141	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-1632	CAMO-19-174822	GELC
R-45 S1	880.0	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	214	—	—	3.4	mg/L	Y	H	NQ	N3B-2019-2011	CAMO-19-175155	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	183	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-2198	CAMO-19-181681	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	230	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-2198	CAMO-19-181684	GELC
R-45 S1	880.0	07/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	109	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-2554	CAMO-19-181853	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-45 S1	880.0	08/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	236	—	—	3.4	mg/L	Y	—	J	N3B-2019-3111	CAMO-19-184728	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	213	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	176	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	09/10/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.403	—	—	0.033	mg/L	Y	—	J+	N3B-2018-3900	CAMO-18-160799	GELC
R-45 S1	880.0	10/30/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2019-307	CAMO-19-163717	GELC
R-45 S1	880.0	11/19/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2019-507	CAMO-19-163993	GELC
R-45 S1	880.0	12/19/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0354	—	—	0.033	mg/L	Y	J	U	N3B-2019-699	CAMO-19-164859	GELC
R-45 S1	880.0	01/15/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0527	—	—	0.033	mg/L	Y	J	J	N3B-2019-761	CAMO-19-165979	GELC
R-45 S1	880.0	06/13/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.182	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2198	CAMO-19-181682	GELC
R-45 S1	880.0	06/13/2019	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2019-2198	CAMO-19-181685	GELC
R-45 S1	880.0	09/10/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2018-3900	CAMO-18-160799	GELC
R-45 S1	880.0	10/30/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.456	—	—	0.33	mg/L	Y	J	J	N3B-2019-307	CAMO-19-163717	GELC
R-45 S1	880.0	11/19/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.409	—	—	0.33	mg/L	Y	J	J	N3B-2019-507	CAMO-19-163993	GELC
R-45 S1	880.0	12/19/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.515	—	—	0.33	mg/L	Y	J	J	N3B-2019-699	CAMO-19-164859	GELC
R-45 S1	880.0	01/15/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.361	—	—	0.33	mg/L	Y	J	J	N3B-2019-761	CAMO-19-165979	GELC
R-45 S1	880.0	02/12/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.351	—	—	0.33	mg/L	Y	J	J	N3B-2019-902	CAMO-19-166456	GELC
R-45 S1	880.0	03/14/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.419	—	—	0.33	mg/L	Y	J	J	N3B-2019-1131	CAMO-19-167703	GELC
R-45 S1	880.0	04/26/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.4	—	—	0.33	mg/L	Y	J	J	N3B-2019-1632	CAMO-19-174821	GELC
R-45 S1	880.0	06/13/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.349	—	—	0.33	mg/L	Y	J	J	N3B-2019-2198	CAMO-19-181682	GELC
R-45 S1	880.0	06/13/2019	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.392	—	—	0.33	mg/L	Y	J	J	N3B-2019-2198	CAMO-19-181685	GELC
R-45 S1	880.0	07/16/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.457	—	—	0.33	mg/L	Y	J	J	N3B-2019-2554	CAMO-19-181854	GELC
R-45 S1	880.0	08/23/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.573	—	—	0.33	mg/L	Y	J	J	N3B-2019-3111	CAMO-19-184729	GELC
R-45 S1	880.0	09/26/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.421	—	—	0.33	mg/L	Y	J	J	N3B-2019-3594	CAMO-19-186520	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.467	—	—	0.33	mg/L	Y	J	J	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0318	—	—	0.02	mg/L	Y	J	U	N3B-2019-761	CAMO-19-165978	GELC
R-45 S1	880.0	02/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0414	—	—	0.02	mg/L	Y	J	U	N3B-2019-902	CAMO-19-166455	GELC
R-45 S1	880.0	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0243	—	—	0.02	mg/L	Y	J	U	N3B-2019-1131	CAMO-19-167702	GELC
R-45 S1	880.0	04/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0533	—	—	0.02	mg/L	Y	—	U	N3B-2019-1632	CAMO-19-174822	GELC
R-45 S1	880.0	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0246	—	—	0.02	mg/L	Y	J	J	N3B-2019-2011	CAMO-19-175155	GELC
R-45 S1	880.0	07/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0803	—	—	0.02	mg/L	Y	—	NQ	N3B-2019-2554	CAMO-19-181853	GELC
R-45 S1	880.0	05/17/2017	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.626	0.959	3.197	—	pCi/L	Y	U	U	2017-1555	CAMO-17-133050	ARSL
R-45 S1	880.0	08/02/2017	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	2.279	0.865	2.551	—	pCi/L	Y	U	U	2017-2313	CAMO-17-142310	ARSL
R-45 S1	880.0	08/02/2017	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	2.751	0.831	2.276	—	pCi/L	Y	—	J-	2017-2313	CAMO-17-142315	ARSL
R-45 S1	880.0	11/20/2017	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	3.901	1.05	2.718	—	pCi/L	Y	—	NQ	2018-1067	CAMO-18-148079	ARSL
R-45 S1	880.0	11/19/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	3.672	1.037	2.756	—	pCi/L	Y	—	NQ	N3B-2019-516	CAMO-19-163993	ARSL
R-45 S1	880.0	01/15/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	5.007	1.277	3.203	—	pCi/L	Y	—	NQ	N3B-2019-773	CAMO-19-165979	ARSL
R-45 S1	880.0	05/15/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.809	0.79	2.596	—	pCi/L	Y	U	U	N3B-2019-1983	CAMO-19-175156	ARSL
R-45 S1	880.0	09/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.69	—	—	0.067	µg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160798	GELC
R-45 S1	880.0	10/30/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.624	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-307	CAMO-19-163716	GELC
R-45 S1	880.0	11/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.669	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-507	CAMO-19-163992	GELC
R-45 S1	880.0	12/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.694	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164858	GELC
R-45 S1	880.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.7	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-761	CAMO-19-165978	GELC
R-45 S1	880.0	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.755	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-902	CAMO-19-166455	GELC
R-45 S1	880.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.705	—	—	0.067	µg/L	Y	—	J+	N3B-2019-1131	CAMO-19-167702	GELC
R-45 S1	880.0	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.65	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-1632	CAMO-19-174822	GELC
R-45 S1	880.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.636	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175155	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.749	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-2198	CAMO-19-181681	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.663	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-2198	CAMO-19-181684	GELC
R-45 S1	880.0	07/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.724	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-2554	CAMO-19-181853	GELC
R-45 S1	880.0	08/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.647	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-3111	CAMO-19-184728	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.692	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.691	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	11/06/2012	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.973	0.0534	0.0617	—	pCi/L	Y	—	NQ	2013-276	CAMO-13-24247	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-45 S1	880.0	11/05/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.541	0.0381	0.0533	—	pCi/L	Y	—	NQ	2015-239	CAMO-15-90218	GELC
R-45 S1	880.0	11/11/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.484	0.0296	0.0571	—	pCi/L	Y	—	NQ	2016-316	CAMO-16-106107	GELC
R-45 S1	880.0	11/20/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.574	0.0476	0.179	—	pCi/L	Y	—	NQ	2018-1038	CAMO-18-148079	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.518	0.048	0.0827	—	pCi/L	Y	—	NQ	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/06/2012	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0319	0.0121	0.0388	—	pCi/L	Y	U	U	2013-276	CAMO-13-24247	GELC
R-45 S1	880.0	11/05/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0129	0.0111	0.0464	—	pCi/L	Y	U	U	2015-239	CAMO-15-90218	GELC
R-45 S1	880.0	11/11/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0259	0.00808	0.0498	—	pCi/L	Y	U	U	2016-316	CAMO-16-106107	GELC
R-45 S1	880.0	11/20/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.133	0.0259	0.0773	—	pCi/L	Y	—	NQ	2018-1038	CAMO-18-148079	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0237	0.0134	0.0596	—	pCi/L	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/06/2012	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.471	0.0366	0.042	—	pCi/L	Y	—	NQ	2013-276	CAMO-13-24247	GELC
R-45 S1	880.0	11/05/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.245	0.0275	0.051	—	pCi/L	Y	—	NQ	2015-239	CAMO-15-90218	GELC
R-45 S1	880.0	11/11/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.248	0.0211	0.0563	—	pCi/L	Y	—	NQ	2016-316	CAMO-16-106107	GELC
R-45 S1	880.0	11/20/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.327	0.035	0.105	—	pCi/L	Y	—	NQ	2018-1038	CAMO-18-148079	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.268	0.0345	0.0966	—	pCi/L	Y	—	NQ	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	09/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.41	—	—	1	µg/L	Y	J	J	N3B-2018-3900	CAMO-18-160798	GELC
R-45 S1	880.0	10/30/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.01	—	—	1	µg/L	Y	—	NQ	N3B-2019-307	CAMO-19-163716	GELC
R-45 S1	880.0	11/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.99	—	—	1	µg/L	Y	J	J	N3B-2019-507	CAMO-19-163992	GELC
R-45 S1	880.0	12/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.57	—	—	1	µg/L	Y	J	J	N3B-2019-699	CAMO-19-164858	GELC
R-45 S1	880.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.53	—	—	1	µg/L	Y	J	J	N3B-2019-761	CAMO-19-165978	GELC
R-45 S1	880.0	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.93	—	—	1	µg/L	Y	J	J	N3B-2019-902	CAMO-19-166455	GELC
R-45 S1	880.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.85	—	—	1	µg/L	Y	J	J	N3B-2019-1131	CAMO-19-167702	GELC
R-45 S1	880.0	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.05	—	—	1	µg/L	Y	—	NQ	N3B-2019-1632	CAMO-19-174822	GELC
R-45 S1	880.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.79	—	—	1	µg/L	Y	J	J	N3B-2019-2011	CAMO-19-175155	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.94	—	—	1	µg/L	Y	J	J	N3B-2019-2198	CAMO-19-181681	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.04	—	—	1	µg/L	Y	—	NQ	N3B-2019-2198	CAMO-19-181684	GELC
R-45 S1	880.0	07/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.02	—	—	1	µg/L	Y	—	NQ	N3B-2019-2554	CAMO-19-181853	GELC
R-45 S1	880.0	08/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.45	—	—	1	µg/L	Y	—	NQ	N3B-2019-3111	CAMO-19-184728	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Vanadium	V	Y	6.33	—	—	3.3	µg/L	Y	J	J	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.06	—	—	1	µg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2019-1131	CAMO-19-167702	GELC
R-45 S1	880.0	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2019-1632	CAMO-19-174822	GELC
R-45 S1	880.0	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2019-2011	CAMO-19-175155	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.4	—	—	3.3	µg/L	Y	J	U	N3B-2019-2198	CAMO-19-181681	GELC
R-45 S1	880.0	06/13/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Zinc	Zn	N	4.19	—	—	3.3	µg/L	Y	J	U	N3B-2019-2198	CAMO-19-181684	GELC
R-45 S1	880.0	07/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	3.96	—	—	3.3	µg/L	Y	J	J	N3B-2019-2554	CAMO-19-181853	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Zinc	Zn	Y	3.86	—	—	3.3	µg/L	Y	J	J	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S2	974.9	07/02/2010	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3.5	µg/L	Y	U	UJ	10-3566	CAMO-10-22874	GELC
R-45 S2	974.9	11/16/2011	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3.5	µg/L	Y	UH	UJ	12-362	CAMO-12-1497	GELC
R-45 S2	974.9	11/06/2013	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3	µg/L	Y	UH	U	2014-2410	CAMO-14-45753	GELC
R-45 S2	974.9	11/11/2015	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3	µg/L	Y	U	U	2016-318	CAMO-16-106108	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	3.18	—	—	1.5	µg/L	Y	J	J	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	09/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.17	—	—	0.01	SU	Y	H	NQ	N3B-2018-3900	CAMO-18-160801	GELC
R-45 S2	974.9	10/30/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.12	—	—	0.01	SU	Y	H	NQ	N3B-2019-307	CAMO-19-163719	GELC
R-45 S2	974.9	11/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.22	—	—	0.01	SU	Y	H	NQ	N3B-2019-507	CAMO-19-163995	GELC
R-45 S2	974.9	12/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.17	—	—	0.01	SU	Y	H	NQ	N3B-2019-699	CAMO-19-164861	GELC
R-45 S2	974.9	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.13	—	—	0.01	SU	Y	H	NQ	N3B-2019-761	CAMO-19-165981	GELC
R-45 S2	974.9	02/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.15	—	—	0.01	SU	Y	H	NQ	N3B-2019-902	CAMO-19-166458	GELC
R-45 S2	974.9	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.21	—	—	0.01	SU	Y	H	NQ	N3B-2019-1131	CAMO-19-167705	GELC
R-45 S2	974.9	04/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.26	—	—	0.01	SU	Y	H	NQ	N3B-2019-1632	CAMO-19-174825	GELC
R-45 S2	974.9	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.2	—	—	0.01	SU	Y	H	J-	N3B-2019-2011	CAMO-19-175162	GELC
R-45 S2	974.9	06/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.21	—	—	0.01	SU	Y	H	NQ	N3B-2019-2198	CAMO-19-181688	GELC
R-45 S2	974.9	07/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.17	—	—	0.01	SU	Y	H	NQ	N3B-2019-2554	CAMO-19-181856	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.18	—	—	0.01	SU	Y	H	J-	N3B-2019-3111	CAMO-19-184731	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-45 S2	974.9	08/23/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.19	—	—	0.01	SU	Y	H	J-	N3B-2019-3111	CAMO-19-184734	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.19	—	—	0.01	SU	Y	H	NQ	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.17	—	—	0.01	SU	Y	H	NQ	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	09/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	73.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160801	GELC
R-45 S2	974.9	10/30/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	75.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-307	CAMO-19-163719	GELC
R-45 S2	974.9	11/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	74.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-507	CAMO-19-163995	GELC
R-45 S2	974.9	12/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	74.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164861	GELC
R-45 S2	974.9	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	75.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-761	CAMO-19-165981	GELC
R-45 S2	974.9	02/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	73.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-902	CAMO-19-166458	GELC
R-45 S2	974.9	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	76	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-1131	CAMO-19-167705	GELC
R-45 S2	974.9	04/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	73.3	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-1632	CAMO-19-174825	GELC
R-45 S2	974.9	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	72.5	—	—	1.45	mg/L	Y	H	NQ	N3B-2019-2011	CAMO-19-175162	GELC
R-45 S2	974.9	06/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	74.5	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-2198	CAMO-19-181688	GELC
R-45 S2	974.9	07/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	73.5	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-2554	CAMO-19-181856	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	75.9	—	—	1.45	mg/L	Y	H	NQ	N3B-2019-3111	CAMO-19-184731	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	73.1	—	—	1.45	mg/L	Y	H	NQ	N3B-2019-3111	CAMO-19-184734	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	73.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	72.5	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	07/02/2010	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00515	0.0072	0.035	—	pCi/L	Y	U	U	10-3567	CAMO-10-22874	GELC
R-45 S2	974.9	11/06/2012	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0146	0.00714	0.0256	—	pCi/L	Y	U	U	2013-276	CAMO-13-24248	GELC
R-45 S2	974.9	11/05/2014	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0117	0.0144	0.0613	—	pCi/L	Y	U	U	2015-239	CAMO-15-90219	GELC
R-45 S2	974.9	11/11/2015	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00184	0.00553	0.0249	—	pCi/L	Y	U	U	2016-318	CAMO-16-106108	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0146	0.0142	0.049	—	pCi/L	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	09/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0207	—	—	0.017	mg/L	Y	J	J	N3B-2018-3900	CAMO-18-160801	GELC
R-45 S2	974.9	10/30/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0418	—	—	0.017	mg/L	Y	J	U	N3B-2019-307	CAMO-19-163719	GELC
R-45 S2	974.9	11/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.017	mg/L	Y	U	U	N3B-2019-507	CAMO-19-163995	GELC
R-45 S2	974.9	12/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0545	—	—	0.017	mg/L	Y	—	U	N3B-2019-699	CAMO-19-164861	GELC
R-45 S2	974.9	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.033	—	—	0.017	mg/L	Y	J	J	N3B-2019-761	CAMO-19-165981	GELC
R-45 S2	974.9	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0488	—	—	0.017	mg/L	Y	J	J	N3B-2019-2011	CAMO-19-175162	GELC
R-45 S2	974.9	06/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.131	—	—	0.017	mg/L	Y	—	J+	N3B-2019-2198	CAMO-19-181688	GELC
R-45 S2	974.9	07/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0391	—	—	0.017	mg/L	Y	J	J	N3B-2019-2554	CAMO-19-181856	GELC
R-45 S2	974.9	09/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.77	—	—	2	µg/L	Y	J	J	N3B-2018-3900	CAMO-18-160801	GELC
R-45 S2	974.9	10/30/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.89	—	—	2	µg/L	Y	J	J	N3B-2019-307	CAMO-19-163719	GELC
R-45 S2	974.9	11/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.63	—	—	2	µg/L	Y	J	J	N3B-2019-507	CAMO-19-163995	GELC
R-45 S2	974.9	12/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.66	—	—	2	µg/L	Y	J	J	N3B-2019-699	CAMO-19-164861	GELC
R-45 S2	974.9	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.56	—	—	2	µg/L	Y	J	J	N3B-2019-761	CAMO-19-165981	GELC
R-45 S2	974.9	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.19	—	—	2	µg/L	Y	J	J	N3B-2019-1131	CAMO-19-167705	GELC
R-45 S2	974.9	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.33	—	—	2	µg/L	Y	J	J	N3B-2019-1632	CAMO-19-174825	GELC
R-45 S2	974.9	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.75	—	—	2	µg/L	Y	J	J	N3B-2019-2011	CAMO-19-175162	GELC
R-45 S2	974.9	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.08	—	—	2	µg/L	Y	J	J	N3B-2019-2198	CAMO-19-181688	GELC
R-45 S2	974.9	07/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.36	—	—	2	µg/L	Y	J	J	N3B-2019-2554	CAMO-19-181856	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.22	—	—	2	µg/L	Y	J	J	N3B-2019-3111	CAMO-19-184731	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	Y	2.65	—	—	2	µg/L	Y	J	J	N3B-2019-3111	CAMO-19-184734	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.26	—	—	2	µg/L	Y	J	J	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	09/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	28.3	—	—	1	µg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160801	GELC
R-45 S2	974.9	10/30/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	30.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-307	CAMO-19-163719	GELC
R-45 S2	974.9	11/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	29.6	—	—	1	µg/L	Y	—	NQ	N3B-2019-507	CAMO-19-163995	GELC
R-45 S2	974.9	12/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	28.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164861	GELC
R-45 S2	974.9	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	29.1	—	—	1	µg/L	Y	—	NQ	N3B-2019-761	CAMO-19-165981	GELC
R-45 S2	974.9	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	31.6	—	—	1	µg/L	Y	—	NQ	N3B-2019-902	CAMO-19-166458	GELC
R-45 S2	974.9	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	29.9	—	—	1	µg/L	Y	—	NQ	N3B-2019-1131	CAMO-19-167705	GELC
R-45 S2	974.9	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	31.1	—	—	1	µg/L	Y	—	NQ	N3B-2019-1632	CAMO-19-174825	GELC
R-45 S2	974.9	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	28.4	—	—	1	µg/L	Y	*	NQ	N3B-2019-2011	CAMO-19-175162	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-45 S2	974.9	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	31.4	—	—	1	µg/L	Y	—	NQ	N3B-2019-2198	CAMO-19-181688	GELC
R-45 S2	974.9	07/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	31	—	—	1	µg/L	Y	—	NQ	N3B-2019-2554	CAMO-19-181856	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	32.7	—	—	1	µg/L	Y	—	NQ	N3B-2019-3111	CAMO-19-184731	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	32.9	—	—	1	µg/L	Y	—	NQ	N3B-2019-3111	CAMO-19-184734	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	29	—	—	1	µg/L	Y	—	NQ	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	32.6	—	—	1	µg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	09/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	18	—	—	15	µg/L	Y	J	J	N3B-2018-3900	CAMO-18-160801	GELC
R-45 S2	974.9	10/30/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	19.9	—	—	15	µg/L	Y	J	J	N3B-2019-307	CAMO-19-163719	GELC
R-45 S2	974.9	11/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	22.4	—	—	15	µg/L	Y	J	J	N3B-2019-507	CAMO-19-163995	GELC
R-45 S2	974.9	12/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2019-699	CAMO-19-164861	GELC
R-45 S2	974.9	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	19.4	—	—	15	µg/L	Y	J	J	N3B-2019-761	CAMO-19-165981	GELC
R-45 S2	974.9	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	24.6	—	—	15	µg/L	Y	J	J	N3B-2019-902	CAMO-19-166458	GELC
R-45 S2	974.9	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	18.9	—	—	15	µg/L	Y	J	J	N3B-2019-1131	CAMO-19-167705	GELC
R-45 S2	974.9	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	21.7	—	—	15	µg/L	Y	J	J	N3B-2019-1632	CAMO-19-174825	GELC
R-45 S2	974.9	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	21.5	—	—	15	µg/L	Y	J	J	N3B-2019-2011	CAMO-19-175162	GELC
R-45 S2	974.9	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	18.7	—	—	15	µg/L	Y	J	J	N3B-2019-2198	CAMO-19-181688	GELC
R-45 S2	974.9	07/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	18.9	—	—	15	µg/L	Y	J	J	N3B-2019-2554	CAMO-19-181856	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	21.5	—	—	15	µg/L	Y	J	J	N3B-2019-3111	CAMO-19-184731	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	Y	20.3	—	—	15	µg/L	Y	J	J	N3B-2019-3111	CAMO-19-184734	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	17.2	—	—	15	µg/L	Y	J	J	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	19.1	—	—	15	µg/L	Y	J	J	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	09/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0694	—	—	0.067	mg/L	Y	J	J	N3B-2018-3900	CAMO-18-160801	GELC
R-45 S2	974.9	10/30/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0677	—	—	0.067	mg/L	Y	J	J	N3B-2019-307	CAMO-19-163719	GELC
R-45 S2	974.9	11/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067	mg/L	Y	U	U	N3B-2019-507	CAMO-19-163995	GELC
R-45 S2	974.9	12/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0833	—	—	0.067	mg/L	Y	J	J	N3B-2019-699	CAMO-19-164861	GELC
R-45 S2	974.9	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0843	—	—	0.067	mg/L	Y	J	J	N3B-2019-761	CAMO-19-165981	GELC
R-45 S2	974.9	02/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0716	—	—	0.067	mg/L	Y	J	J	N3B-2019-902	CAMO-19-166458	GELC
R-45 S2	974.9	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.101	—	—	0.067	mg/L	Y	J	J	N3B-2019-1131	CAMO-19-167705	GELC
R-45 S2	974.9	09/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160801	GELC
R-45 S2	974.9	10/30/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-307	CAMO-19-163719	GELC
R-45 S2	974.9	11/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-507	CAMO-19-163995	GELC
R-45 S2	974.9	12/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164861	GELC
R-45 S2	974.9	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-761	CAMO-19-165981	GELC
R-45 S2	974.9	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	18.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-902	CAMO-19-166458	GELC
R-45 S2	974.9	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1131	CAMO-19-167705	GELC
R-45 S2	974.9	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	18.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1632	CAMO-19-174825	GELC
R-45 S2	974.9	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175162	GELC
R-45 S2	974.9	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	18.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2198	CAMO-19-181688	GELC
R-45 S2	974.9	07/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2554	CAMO-19-181856	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.9	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3111	CAMO-19-184731	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.9	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3111	CAMO-19-184734	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	18.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	07/02/2010	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.0449	1.9	6	—	pCi/L	Y	U	U	10-3567	CAMO-10-22874	GELC
R-45 S2	974.9	11/06/2012	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.935	1.61	6.04	—	pCi/L	Y	U	U	2013-276	CAMO-13-24248	GELC
R-45 S2	974.9	11/05/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.295	1.45	5.12	—	pCi/L	Y	U	U	2015-239	CAMO-15-90219	GELC
R-45 S2	974.9	11/11/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	3.58	1.56	6.55	—	pCi/L	Y	U	U	2016-318	CAMO-16-106108	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.82	1.6	5.45	—	pCi/L	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	09/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.68	—	—	0.067	mg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160801	GELC
R-45 S2	974.9	10/30/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.68	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-307	CAMO-19-163719	GELC
R-45 S2	974.9	11/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.73	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-507	CAMO-19-163995	GELC
R-45 S2	974.9	12/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.64	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164861	GELC
R-45 S2	974.9	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.91	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-761	CAMO-19-165981	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-45 S2	974.9	02/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.77	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-902	CAMO-19-166458	GELC
R-45 S2	974.9	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.98	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-1131	CAMO-19-167705	GELC
R-45 S2	974.9	04/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.25	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-1632	CAMO-19-174825	GELC
R-45 S2	974.9	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.57	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175162	GELC
R-45 S2	974.9	06/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.76	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-2198	CAMO-19-181688	GELC
R-45 S2	974.9	07/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.99	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-2554	CAMO-19-181856	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.16	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-3111	CAMO-19-184731	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.14	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-3111	CAMO-19-184734	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.08	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.08	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	09/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	27.5	—	—	3	µg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160801	GELC
R-45 S2	974.9	10/30/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	26	—	—	3	µg/L	Y	—	NQ	N3B-2019-307	CAMO-19-163719	GELC
R-45 S2	974.9	11/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	30.3	—	—	3	µg/L	Y	—	NQ	N3B-2019-507	CAMO-19-163995	GELC
R-45 S2	974.9	12/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	27.8	—	—	3	µg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164861	GELC
R-45 S2	974.9	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	29	—	—	3	µg/L	Y	—	NQ	N3B-2019-761	CAMO-19-165981	GELC
R-45 S2	974.9	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	32.2	—	—	3	µg/L	Y	—	NQ	N3B-2019-902	CAMO-19-166458	GELC
R-45 S2	974.9	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	30.8	—	—	3	µg/L	Y	—	NQ	N3B-2019-1131	CAMO-19-167705	GELC
R-45 S2	974.9	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	28.2	—	—	3	µg/L	Y	—	NQ	N3B-2019-1632	CAMO-19-174825	GELC
R-45 S2	974.9	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	29	—	—	3	µg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175162	GELC
R-45 S2	974.9	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	31.3	—	—	3	µg/L	Y	—	NQ	N3B-2019-2198	CAMO-19-181688	GELC
R-45 S2	974.9	07/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	31.5	—	—	3	µg/L	Y	—	NQ	N3B-2019-2554	CAMO-19-181856	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	36.1	—	—	3	µg/L	Y	—	NQ	N3B-2019-3111	CAMO-19-184731	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	34.8	—	—	3	µg/L	Y	—	NQ	N3B-2019-3111	CAMO-19-184734	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	36.4	—	—	3	µg/L	Y	—	NQ	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	35.2	—	—	3	µg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	07/02/2010	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-3.78	1.6	3.6	—	pCi/L	Y	U	U	10-3567	CAMO-10-22874	GELC
R-45 S2	974.9	11/06/2012	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.74	1.66	7.07	—	pCi/L	Y	U	U	2013-276	CAMO-13-24248	GELC
R-45 S2	974.9	11/05/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.406	1.17	4.2	—	pCi/L	Y	U	U	2015-239	CAMO-15-90219	GELC
R-45 S2	974.9	11/11/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.0512	1.54	6.06	—	pCi/L	Y	U	U	2016-318	CAMO-16-106108	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.766	1.18	4.38	—	pCi/L	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	09/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.401	—	—	0.033	mg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160801	GELC
R-45 S2	974.9	10/30/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.347	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-307	CAMO-19-163719	GELC
R-45 S2	974.9	11/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.329	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-507	CAMO-19-163995	GELC
R-45 S2	974.9	12/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.333	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164861	GELC
R-45 S2	974.9	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.389	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-761	CAMO-19-165981	GELC
R-45 S2	974.9	02/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.417	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-902	CAMO-19-166458	GELC
R-45 S2	974.9	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.43	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-1131	CAMO-19-167705	GELC
R-45 S2	974.9	04/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.56	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-1632	CAMO-19-174825	GELC
R-45 S2	974.9	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.452	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175162	GELC
R-45 S2	974.9	06/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.433	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2198	CAMO-19-181688	GELC
R-45 S2	974.9	07/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.589	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2554	CAMO-19-181856	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.588	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-3111	CAMO-19-184731	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.589	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-3111	CAMO-19-184734	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0692	—	—	0.033	mg/L	Y	J	J	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.463	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	07/02/2010	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.427	0.76	2.9	—	pCi/L	Y	U	U	10-3567	CAMO-10-22874	GELC
R-45 S2	974.9	11/06/2012	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.049	0.702	2.95	—	pCi/L	Y	U	U	2013-276	CAMO-13-24248	GELC
R-45 S2	974.9	11/05/2014	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.52	0.883	2.85	—	pCi/L	Y	U	U	2015-239	CAMO-15-90219	GELC
R-45 S2	974.9	11/11/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.283	0.771	2.94	—	pCi/L	Y	U	U	2016-318	CAMO-16-106108	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.96	0.932	2.84	—	pCi/L	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	07/02/2010	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	9.32	1.5	2.8	—	pCi/L	Y	—	NQ	10-3567	CAMO-10-22874	GELC
R-45 S2	974.9	11/06/2012	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.36	0.847	2.51	—	pCi/L	Y	U	U	2013-276	CAMO-13-24248	GELC
R-45 S2	974.9	11/05/2014	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.924	0.717	2.39	—	pCi/L	Y	U	U	2015-239	CAMO-15-90219	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-45 S2	974.9	11/11/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.33	0.95	2.91	—	pCi/L	Y	—	NQ	2016-318	CAMO-16-106108	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.28	0.511	1.59	—	pCi/L	Y	—	NQ	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	09/10/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	59.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160801	GELC
R-45 S2	974.9	10/30/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	62.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-307	CAMO-19-163719	GELC
R-45 S2	974.9	11/19/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	63.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-507	CAMO-19-163995	GELC
R-45 S2	974.9	12/19/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	59	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164861	GELC
R-45 S2	974.9	01/15/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	62	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-761	CAMO-19-165981	GELC
R-45 S2	974.9	02/12/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	68.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-902	CAMO-19-166458	GELC
R-45 S2	974.9	03/14/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	63.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-1131	CAMO-19-167705	GELC
R-45 S2	974.9	04/26/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	67.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-1632	CAMO-19-174825	GELC
R-45 S2	974.9	05/15/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	63.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175162	GELC
R-45 S2	974.9	06/13/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	66.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2198	CAMO-19-181688	GELC
R-45 S2	974.9	07/16/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	64.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2554	CAMO-19-181856	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	68.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-3111	CAMO-19-184731	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	68.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-3111	CAMO-19-184734	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	59.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	66.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	09/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.6	—	—	0.11	mg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160801	GELC
R-45 S2	974.9	10/30/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.29	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-307	CAMO-19-163719	GELC
R-45 S2	974.9	11/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.39	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-507	CAMO-19-163995	GELC
R-45 S2	974.9	12/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.56	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164861	GELC
R-45 S2	974.9	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.95	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-761	CAMO-19-165981	GELC
R-45 S2	974.9	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.62	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-902	CAMO-19-166458	GELC
R-45 S2	974.9	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.89	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-1131	CAMO-19-167705	GELC
R-45 S2	974.9	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.24	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-1632	CAMO-19-174825	GELC
R-45 S2	974.9	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.33	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175162	GELC
R-45 S2	974.9	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.19	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-2198	CAMO-19-181688	GELC
R-45 S2	974.9	07/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.91	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-2554	CAMO-19-181856	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.76	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-3111	CAMO-19-184731	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.76	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-3111	CAMO-19-184734	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.72	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.22	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	09/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.956	—	—	0.2	µg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160801	GELC
R-45 S2	974.9	10/30/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.919	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-307	CAMO-19-163719	GELC
R-45 S2	974.9	11/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.942	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-507	CAMO-19-163995	GELC
R-45 S2	974.9	12/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.971	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164861	GELC
R-45 S2	974.9	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.984	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-761	CAMO-19-165981	GELC
R-45 S2	974.9	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-902	CAMO-19-166458	GELC
R-45 S2	974.9	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.976	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-1131	CAMO-19-167705	GELC
R-45 S2	974.9	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.978	—	—	0.2	µg/L	Y	J	J	N3B-2019-1632	CAMO-19-174825	GELC
R-45 S2	974.9	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.777	—	—	0.2	µg/L	Y	J	J	N3B-2019-2011	CAMO-19-175162	GELC
R-45 S2	974.9	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.11	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-2198	CAMO-19-181688	GELC
R-45 S2	974.9	07/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.955	—	—	0.2	µg/L	Y	J	J	N3B-2019-2554	CAMO-19-181856	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.994	—	—	0.2	µg/L	Y	J	J	N3B-2019-3111	CAMO-19-184731	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.956	—	—	0.2	µg/L	Y	J	J	N3B-2019-3111	CAMO-19-184734	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	0.917	—	—	0.2	µg/L	Y	J	J	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	0.903	—	—	0.2	µg/L	Y	J	J	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	07/02/2010	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.39	2.7	9.1	—	pCi/L	Y	U	U	10-3567	CAMO-10-22874	GELC
R-45 S2	974.9	11/06/2012	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.48	3.21	11.3	—	pCi/L	Y	U	U	2013-276	CAMO-13-24248	GELC
R-45 S2	974.9	11/05/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.404	2.29	8.37	—	pCi/L	Y	U	U	2015-239	CAMO-15-90219	GELC
R-45 S2	974.9	11/11/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.71	3.24	10.9	—	pCi/L	Y	U	U	2016-318	CAMO-16-106108	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.43	2.55	8.45	—	pCi/L	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	09/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.68	—	—	0.6	µg/L	Y	J	J	N3B-2018-3900	CAMO-18-160801	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-45 S2	974.9	10/30/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.21	—	—	0.6	µg/L	Y	J	J	N3B-2019-307	CAMO-19-163719	GELC
R-45 S2	974.9	11/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.39	—	—	0.6	µg/L	Y	J	J	N3B-2019-507	CAMO-19-163995	GELC
R-45 S2	974.9	12/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.05	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164861	GELC
R-45 S2	974.9	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.34	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-761	CAMO-19-165981	GELC
R-45 S2	974.9	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.79	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-902	CAMO-19-166458	GELC
R-45 S2	974.9	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	3.09	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-1131	CAMO-19-167705	GELC
R-45 S2	974.9	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	3.51	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-1632	CAMO-19-174825	GELC
R-45 S2	974.9	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	3.59	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175162	GELC
R-45 S2	974.9	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	4.29	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-2198	CAMO-19-181688	GELC
R-45 S2	974.9	07/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	3.9	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-2554	CAMO-19-181856	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.99	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-3111	CAMO-19-184731	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.87	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-3111	CAMO-19-184734	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	3.88	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	2.84	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	09/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.88	—	—	0.085	mg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160801	GELC
R-45 S2	974.9	10/30/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.09	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-307	CAMO-19-163719	GELC
R-45 S2	974.9	11/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.94	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-507	CAMO-19-163995	GELC
R-45 S2	974.9	12/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.956	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164861	GELC
R-45 S2	974.9	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.923	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-761	CAMO-19-165981	GELC
R-45 S2	974.9	02/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.955	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-902	CAMO-19-166458	GELC
R-45 S2	974.9	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.968	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-1131	CAMO-19-167705	GELC
R-45 S2	974.9	04/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.95	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-1632	CAMO-19-174825	GELC
R-45 S2	974.9	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.955	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175162	GELC
R-45 S2	974.9	06/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.17	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-2198	CAMO-19-181688	GELC
R-45 S2	974.9	07/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.05	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-2554	CAMO-19-181856	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.969	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-3111	CAMO-19-184731	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.985	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-3111	CAMO-19-184734	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.08	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.973	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	09/10/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.444	—	—	0.05	µg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160801	GELC
R-45 S2	974.9	10/30/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.43	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-307	CAMO-19-163719	GELC
R-45 S2	974.9	11/19/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.467	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-507	CAMO-19-163995	GELC
R-45 S2	974.9	12/19/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.454	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164861	GELC
R-45 S2	974.9	01/15/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.504	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-761	CAMO-19-165981	GELC
R-45 S2	974.9	02/12/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.423	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-902	CAMO-19-166458	GELC
R-45 S2	974.9	03/14/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.434	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-1131	CAMO-19-167705	GELC
R-45 S2	974.9	04/26/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.439	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-1632	CAMO-19-174825	GELC
R-45 S2	974.9	05/15/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.421	—	—	0.05	µg/L	Y	—	J-	N3B-2019-2011	CAMO-19-175162	GELC
R-45 S2	974.9	06/13/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.497	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-2198	CAMO-19-181688	GELC
R-45 S2	974.9	07/16/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.399	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-2554	CAMO-19-181856	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.421	—	—	0.05	µg/L	Y	—	J	N3B-2019-3111	CAMO-19-184731	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.458	—	—	0.05	µg/L	Y	—	J	N3B-2019-3111	CAMO-19-184734	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.458	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.449	—	—	0.05	µg/L	Y	—	J	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	07/02/2010	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.002	0.026	—	pCi/L	Y	U	U	10-3567	CAMO-10-22874	GELC
R-45 S2	974.9	11/06/2012	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.01	0.00555	0.0237	—	pCi/L	Y	U	U	2013-276	CAMO-13-24248	GELC
R-45 S2	974.9	11/05/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0123	0.0095	0.0329	—	pCi/L	Y	U	U	2015-239	CAMO-15-90219	GELC
R-45 S2	974.9	11/11/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00974	0.00911	0.0285	—	pCi/L	Y	U	U	2016-318	CAMO-16-106108	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.000000000876	0.00643	0.0511	—	pCi/L	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	07/02/2010	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00391	0.0039	0.027	—	pCi/L	Y	U	U	10-3567	CAMO-10-22874	GELC
R-45 S2	974.9	11/06/2012	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00314	0.00528	0.0392	—	pCi/L	Y	U	U	2013-276	CAMO-13-24248	GELC
R-45 S2	974.9	11/05/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0123	0.0127	0.0485	—	pCi/L	Y	U	U	2015-239	CAMO-15-90219	GELC
R-45 S2	974.9	11/11/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0073	0.00877	0.0547	—	pCi/L	Y	U	U	2016-318	CAMO-16-106108	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00263	0.00695	0.0409	—	pCi/L	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	09/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.24	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160801	GELC
R-45 S2	974.9	10/30/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-307	CAMO-19-163719	GELC
R-45 S2	974.9	11/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.34	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-507	CAMO-19-163995	GELC
R-45 S2	974.9	12/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.11	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164861	GELC
R-45 S2	974.9	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-761	CAMO-19-165981	GELC
R-45 S2	974.9	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-902	CAMO-19-166458	GELC
R-45 S2	974.9	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.23	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1131	CAMO-19-167705	GELC
R-45 S2	974.9	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1632	CAMO-19-174825	GELC
R-45 S2	974.9	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.27	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175162	GELC
R-45 S2	974.9	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.33	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2198	CAMO-19-181688	GELC
R-45 S2	974.9	07/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.35	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2554	CAMO-19-181856	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.33	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3111	CAMO-19-184731	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	1.33	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3111	CAMO-19-184734	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.27	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.66	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	07/02/2010	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	17	19	70	—	pCi/L	Y	U	U	10-3567	CAMO-10-22874	GELC
R-45 S2	974.9	11/06/2012	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	32.8	18.4	77	—	pCi/L	Y	U	U	2013-276	CAMO-13-24248	GELC
R-45 S2	974.9	11/05/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-21.6	17.1	61.6	—	pCi/L	Y	U	U	2015-239	CAMO-15-90219	GELC
R-45 S2	974.9	11/11/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-8	16.7	63.3	—	pCi/L	Y	U	U	2016-318	CAMO-16-106108	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	6.38	17.7	70.2	—	pCi/L	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/16/2011	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.416	0.13	0.29	—	pCi/L	Y	—	NQ	12-363	CAMO-12-1497	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.437	0.223	0.706	—	pCi/L	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	1.02	0.302	—	—	pCi/L	Y	—	NQ	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/16/2011	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.2	0.13	0.42	—	pCi/L	Y	U	U	12-363	CAMO-12-1497	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.579	0.204	0.625	—	pCi/L	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	09/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160801	GELC
R-45 S2	974.9	10/30/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-307	CAMO-19-163719	GELC
R-45 S2	974.9	11/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	70	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-507	CAMO-19-163995	GELC
R-45 S2	974.9	12/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164861	GELC
R-45 S2	974.9	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-761	CAMO-19-165981	GELC
R-45 S2	974.9	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	75	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-902	CAMO-19-166458	GELC
R-45 S2	974.9	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-1131	CAMO-19-167705	GELC
R-45 S2	974.9	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	76.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-1632	CAMO-19-174825	GELC
R-45 S2	974.9	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175162	GELC
R-45 S2	974.9	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	80.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-2198	CAMO-19-181688	GELC
R-45 S2	974.9	07/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-2554	CAMO-19-181856	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	75.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-3111	CAMO-19-184731	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	76.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-3111	CAMO-19-184734	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	09/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.4	—	—	0.1	mg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160801	GELC
R-45 S2	974.9	10/30/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.8	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-307	CAMO-19-163719	GELC
R-45 S2	974.9	11/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.9	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-507	CAMO-19-163995	GELC
R-45 S2	974.9	12/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164861	GELC
R-45 S2	974.9	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.9	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-761	CAMO-19-165981	GELC
R-45 S2	974.9	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.6	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-902	CAMO-19-166458	GELC
R-45 S2	974.9	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.7	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-1131	CAMO-19-167705	GELC
R-45 S2	974.9	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.4	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-1632	CAMO-19-174825	GELC
R-45 S2	974.9	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.9	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175162	GELC
R-45 S2	974.9	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-2198	CAMO-19-181688	GELC
R-45 S2	974.9	07/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.9	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-2554	CAMO-19-181856	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-3111	CAMO-19-184731	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-45 S2	974.9	08/23/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.5	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-3111	CAMO-19-184734	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.2	—	—	0.1	mg/L	Y	—	J+	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.4	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	07/02/2010	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	2.73	1.7	6.6	—	pCi/L	Y	U	U	10-3567	CAMO-10-22874	GELC
R-45 S2	974.9	11/06/2012	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.26	1.54	5.52	—	pCi/L	Y	U	U	2013-276	CAMO-13-24248	GELC
R-45 S2	974.9	11/05/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.626	1.08	4.43	—	pCi/L	Y	U	U	2015-239	CAMO-15-90219	GELC
R-45 S2	974.9	11/11/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.478	1.55	6.09	—	pCi/L	Y	U	U	2016-318	CAMO-16-106108	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.68	1.6	5.76	—	pCi/L	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	09/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	176	—	—	1	µS/cm	Y	—	NQ	N3B-2018-3900	CAMO-18-160801	GELC
R-45 S2	974.9	10/30/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	175	—	—	1	µS/cm	Y	—	NQ	N3B-2019-307	CAMO-19-163719	GELC
R-45 S2	974.9	11/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	177	—	—	1	µS/cm	Y	—	NQ	N3B-2019-507	CAMO-19-163995	GELC
R-45 S2	974.9	12/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	175	—	—	1	µS/cm	Y	—	NQ	N3B-2019-699	CAMO-19-164861	GELC
R-45 S2	974.9	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	178	—	—	1	µS/cm	Y	—	NQ	N3B-2019-761	CAMO-19-165981	GELC
R-45 S2	974.9	02/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	178	—	—	1	µS/cm	Y	—	NQ	N3B-2019-902	CAMO-19-166458	GELC
R-45 S2	974.9	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	178	—	—	1	µS/cm	Y	—	NQ	N3B-2019-1131	CAMO-19-167705	GELC
R-45 S2	974.9	04/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	192	—	—	1	µS/cm	Y	—	NQ	N3B-2019-1632	CAMO-19-174825	GELC
R-45 S2	974.9	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	177	—	—	1	µS/cm	Y	—	NQ	N3B-2019-2011	CAMO-19-175162	GELC
R-45 S2	974.9	06/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	190	—	—	1	µS/cm	Y	—	NQ	N3B-2019-2198	CAMO-19-181688	GELC
R-45 S2	974.9	07/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	181	—	—	1	µS/cm	Y	—	NQ	N3B-2019-2554	CAMO-19-181856	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	153	—	—	1	µS/cm	Y	—	NQ	N3B-2019-3111	CAMO-19-184731	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	154	—	—	1	µS/cm	Y	—	NQ	N3B-2019-3111	CAMO-19-184734	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	156	—	—	1	µS/cm	Y	—	NQ	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	156	—	—	1	µS/cm	Y	—	NQ	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	09/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	66.5	—	—	1	µg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160801	GELC
R-45 S2	974.9	10/30/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	69.9	—	—	1	µg/L	Y	—	NQ	N3B-2019-307	CAMO-19-163719	GELC
R-45 S2	974.9	11/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	70.5	—	—	1	µg/L	Y	—	NQ	N3B-2019-507	CAMO-19-163995	GELC
R-45 S2	974.9	12/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	67.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164861	GELC
R-45 S2	974.9	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	68	—	—	1	µg/L	Y	—	NQ	N3B-2019-761	CAMO-19-165981	GELC
R-45 S2	974.9	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	73.7	—	—	1	µg/L	Y	—	NQ	N3B-2019-902	CAMO-19-166458	GELC
R-45 S2	974.9	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	70.8	—	—	1	µg/L	Y	—	NQ	N3B-2019-1131	CAMO-19-167705	GELC
R-45 S2	974.9	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	74.1	—	—	1	µg/L	Y	—	NQ	N3B-2019-1632	CAMO-19-174825	GELC
R-45 S2	974.9	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	70.7	—	—	1	µg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175162	GELC
R-45 S2	974.9	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	70.3	—	—	1	µg/L	Y	—	NQ	N3B-2019-2198	CAMO-19-181688	GELC
R-45 S2	974.9	07/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	72	—	—	1	µg/L	Y	—	NQ	N3B-2019-2554	CAMO-19-181856	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	74	—	—	1	µg/L	Y	—	NQ	N3B-2019-3111	CAMO-19-184731	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	74.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-3111	CAMO-19-184734	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	66.8	—	—	1	µg/L	Y	—	NQ	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	75.2	—	—	1	µg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	07/02/2010	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.113	0.14	0.47	—	pCi/L	Y	U	U	10-3567	CAMO-10-22874	GELC
R-45 S2	974.9	11/06/2012	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.229	0.14	0.464	—	pCi/L	Y	U	U	2013-276	CAMO-13-24248	GELC
R-45 S2	974.9	11/05/2014	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0433	0.104	0.393	—	pCi/L	Y	U	U	2015-239	CAMO-15-90219	GELC
R-45 S2	974.9	11/11/2015	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.276	0.107	0.489	—	pCi/L	Y	U	U	2016-318	CAMO-16-106108	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0667	0.14	0.487	—	pCi/L	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	09/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.65	—	—	0.133	mg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160801	GELC
R-45 S2	974.9	10/30/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.49	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-307	CAMO-19-163719	GELC
R-45 S2	974.9	11/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.64	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-507	CAMO-19-163995	GELC
R-45 S2	974.9	12/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.57	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164861	GELC
R-45 S2	974.9	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.78	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-761	CAMO-19-165981	GELC
R-45 S2	974.9	02/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.68	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-902	CAMO-19-166458	GELC
R-45 S2	974.9	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.73	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-1131	CAMO-19-167705	GELC
R-45 S2	974.9	04/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.24	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-1632	CAMO-19-174825	GELC
R-45 S2	974.9	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.39	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175162	GELC
R-45 S2	974.9	06/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.62	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-2198	CAMO-19-181688	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-45 S2	974.9	07/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.89	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-2554	CAMO-19-181856	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.12	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-3111	CAMO-19-184731	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.09	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-3111	CAMO-19-184734	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.16	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	12.4	—	—	0.133	mg/L	Y	—	J+	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	09/10/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2018-3900	CAMO-18-160801	GELC
R-45 S2	974.9	09/10/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2018-3900	CAMO-18-160802	GELC
R-45 S2	974.9	10/30/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-307	CAMO-19-163719	GELC
R-45 S2	974.9	10/30/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-307	CAMO-19-163720	GELC
R-45 S2	974.9	11/19/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-507	CAMO-19-163995	GELC
R-45 S2	974.9	11/19/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-507	CAMO-19-163996	GELC
R-45 S2	974.9	12/19/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-699	CAMO-19-164861	GELC
R-45 S2	974.9	12/19/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-699	CAMO-19-164862	GELC
R-45 S2	974.9	01/08/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-761	CAMO-19-166028	GELC
R-45 S2	974.9	01/15/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-761	CAMO-19-165981	GELC
R-45 S2	974.9	02/12/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-902	CAMO-19-166458	GELC
R-45 S2	974.9	02/12/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-902	CAMO-19-166459	GELC
R-45 S2	974.9	03/14/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-1131	CAMO-19-167705	GELC
R-45 S2	974.9	03/14/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-1131	CAMO-19-167706	GELC
R-45 S2	974.9	04/26/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-1632	CAMO-19-174824	GELC
R-45 S2	974.9	04/26/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-1632	CAMO-19-174825	GELC
R-45 S2	974.9	05/15/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-1916	CAMO-19-175163	GELC
R-45 S2	974.9	05/15/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-2011	CAMO-19-175162	GELC
R-45 S2	974.9	06/13/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-2198	CAMO-19-181688	GELC
R-45 S2	974.9	06/13/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-2198	CAMO-19-181689	GELC
R-45 S2	974.9	07/16/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-2554	CAMO-19-181856	GELC
R-45 S2	974.9	07/16/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-2554	CAMO-19-181857	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	5	—	—	—	deg C	Y	—	NQ	N3B-2019-3111	CAMO-19-184731	GELC
R-45 S2	974.9	08/23/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	5	—	—	—	deg C	Y	—	NQ	N3B-2019-3111	CAMO-19-184732	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	5	—	—	—	deg C	Y	—	NQ	N3B-2019-3111	CAMO-19-184734	GELC
R-45 S2	974.9	08/23/2019	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	5	—	—	—	deg C	Y	—	NQ	N3B-2019-3111	CAMO-19-184735	GELC
R-45 S2	974.9	09/26/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-3594	CAMO-19-186526	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	12/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2019-699	CAMO-19-164861	GELC
R-45 S2	974.9	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	9.13	—	—	2.5	µg/L	Y	J	U	N3B-2019-761	CAMO-19-165981	GELC
R-45 S2	974.9	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2019-902	CAMO-19-166458	GELC
R-45 S2	974.9	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2019-1131	CAMO-19-167705	GELC
R-45 S2	974.9	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	5.95	—	—	2.5	µg/L	Y	J	J	N3B-2019-1632	CAMO-19-174825	GELC
R-45 S2	974.9	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	13.8	—	—	2.5	µg/L	Y	—	J+	N3B-2019-2011	CAMO-19-175162	GELC
R-45 S2	974.9	09/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	144	—	—	3.4	mg/L	Y	H	NQ	N3B-2018-3900	CAMO-18-160801	GELC
R-45 S2	974.9	10/30/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	164	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-307	CAMO-19-163719	GELC
R-45 S2	974.9	11/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	124	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-507	CAMO-19-163995	GELC
R-45 S2	974.9	12/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	194	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164861	GELC
R-45 S2	974.9	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	230	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-761	CAMO-19-165981	GELC
R-45 S2	974.9	02/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	130	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-902	CAMO-19-166458	GELC
R-45 S2	974.9	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	164	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-1131	CAMO-19-167705	GELC
R-45 S2	974.9	04/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	189	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-1632	CAMO-19-174825	GELC
R-45 S2	974.9	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	197	—	—	3.4	mg/L	Y	H	NQ	N3B-2019-2011	CAMO-19-175162	GELC
R-45 S2	974.9	06/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	123	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-2198	CAMO-19-181688	GELC
R-45 S2	974.9	07/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	146	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-2554	CAMO-19-181856	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	173	—	—	3.4	mg/L	Y	—	J	N3B-2019-3111	CAMO-19-184731	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-45 S2	974.9	08/23/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	171	—	—	3.4	mg/L	Y	—	J	N3B-2019-3111	CAMO-19-184734	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	176	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	189	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	09/10/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2018-3900	CAMO-18-160802	GELC
R-45 S2	974.9	10/30/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	1.7	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-307	CAMO-19-163720	GELC
R-45 S2	974.9	11/19/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2019-507	CAMO-19-163996	GELC
R-45 S2	974.9	12/19/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0669	—	—	0.033	mg/L	Y	J	U	N3B-2019-699	CAMO-19-164862	GELC
R-45 S2	974.9	01/08/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0952	—	—	0.033	mg/L	Y	J	J	N3B-2019-761	CAMO-19-166028	GELC
R-45 S2	974.9	09/10/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2018-3900	CAMO-18-160802	GELC
R-45 S2	974.9	10/30/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.452	—	—	0.33	mg/L	Y	J	J	N3B-2019-307	CAMO-19-163720	GELC
R-45 S2	974.9	11/19/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.461	—	—	0.33	mg/L	Y	J	J	N3B-2019-507	CAMO-19-163996	GELC
R-45 S2	974.9	12/19/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.506	—	—	0.33	mg/L	Y	J	J	N3B-2019-699	CAMO-19-164862	GELC
R-45 S2	974.9	01/08/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.371	—	—	0.33	mg/L	Y	J	J	N3B-2019-761	CAMO-19-166028	GELC
R-45 S2	974.9	02/12/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.393	—	—	0.33	mg/L	Y	J	J	N3B-2019-902	CAMO-19-166459	GELC
R-45 S2	974.9	03/14/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.427	—	—	0.33	mg/L	Y	J	J	N3B-2019-1131	CAMO-19-167706	GELC
R-45 S2	974.9	04/26/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.512	—	—	0.33	mg/L	Y	J	J	N3B-2019-1632	CAMO-19-174824	GELC
R-45 S2	974.9	05/15/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.552	—	—	0.33	mg/L	Y	J	J	N3B-2019-2011	CAMO-19-175163	GELC
R-45 S2	974.9	06/13/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.526	—	—	0.33	mg/L	Y	J	J	N3B-2019-2198	CAMO-19-181689	GELC
R-45 S2	974.9	07/16/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.589	—	—	0.33	mg/L	Y	J	J	N3B-2019-2554	CAMO-19-181857	GELC
R-45 S2	974.9	08/23/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.71	—	—	0.33	mg/L	Y	J	J	N3B-2019-3111	CAMO-19-184732	GELC
R-45 S2	974.9	08/23/2019	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.767	—	—	0.33	mg/L	Y	J	J	N3B-2019-3111	CAMO-19-184735	GELC
R-45 S2	974.9	09/26/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.669	—	—	0.33	mg/L	Y	J	J	N3B-2019-3594	CAMO-19-186526	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.759	—	—	0.33	mg/L	Y	J	J	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0287	—	—	0.02	mg/L	Y	J	U	N3B-2019-761	CAMO-19-165981	GELC
R-45 S2	974.9	02/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0282	—	—	0.02	mg/L	Y	J	U	N3B-2019-902	CAMO-19-166458	GELC
R-45 S2	974.9	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0254	—	—	0.02	mg/L	Y	J	U	N3B-2019-1131	CAMO-19-167705	GELC
R-45 S2	974.9	04/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0543	—	—	0.02	mg/L	Y	—	U	N3B-2019-1632	CAMO-19-174825	GELC
R-45 S2	974.9	05/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0204	—	—	0.02	mg/L	Y	J	J	N3B-2019-2011	CAMO-19-175162	GELC
R-45 S2	974.9	07/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0747	—	—	0.02	mg/L	Y	—	NQ	N3B-2019-2554	CAMO-19-181856	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0209	—	—	0.02	mg/L	Y	J	J	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	11/17/2016	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	3.503	0.966	2.534	—	pCi/L	Y	—	J-	2017-541	CAMO-17-127235	ARSL
R-45 S2	974.9	05/17/2017	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.558	0.826	2.591	—	pCi/L	Y	U	U	2017-1555	CAMO-17-133051	ARSL
R-45 S2	974.9	08/02/2017	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	3.003	0.899	2.453	—	pCi/L	Y	—	J-	2017-2313	CAMO-17-142311	ARSL
R-45 S2	974.9	11/19/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	6.054	1.365	3.094	—	pCi/L	Y	—	NQ	N3B-2019-516	CAMO-19-163996	ARSL
R-45 S2	974.9	01/08/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	7.527	1.542	3.128	—	pCi/L	Y	—	NQ	N3B-2019-773	CAMO-19-166028	ARSL
R-45 S2	974.9	05/15/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	4.486	1.131	2.824	—	pCi/L	Y	—	NQ	N3B-2019-1983	CAMO-19-175163	ARSL
R-45 S2	974.9	09/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.665	—	—	0.067	µg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160801	GELC
R-45 S2	974.9	10/30/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.625	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-307	CAMO-19-163719	GELC
R-45 S2	974.9	11/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.666	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-507	CAMO-19-163995	GELC
R-45 S2	974.9	12/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.687	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164861	GELC
R-45 S2	974.9	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.716	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-761	CAMO-19-165981	GELC
R-45 S2	974.9	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.733	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-902	CAMO-19-166458	GELC
R-45 S2	974.9	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.683	—	—	0.067	µg/L	Y	—	J+	N3B-2019-1131	CAMO-19-167705	GELC
R-45 S2	974.9	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.65	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-1632	CAMO-19-174825	GELC
R-45 S2	974.9	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.612	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175162	GELC
R-45 S2	974.9	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.72	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-2198	CAMO-19-181688	GELC
R-45 S2	974.9	07/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.747	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-2554	CAMO-19-181856	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.677	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-3111	CAMO-19-184731	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.656	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-3111	CAMO-19-184734	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.699	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.673	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	07/02/2010	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.435	0.05	0.082	—	pCi/L	Y	—	NQ	10-3567	CAMO-10-22874	GELC
R-45 S2	974.9	11/06/2012	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.517	0.041	0.0637	—	pCi/L	Y	—	NQ	2013-276	CAMO-13-24248	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-45 S2	974.9	11/05/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.544	0.0366	0.0474	—	pCi/L	Y	—	NQ	2015-239	CAMO-15-90219	GELC
R-45 S2	974.9	11/11/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.519	0.034	0.0706	—	pCi/L	Y	—	NQ	2016-318	CAMO-16-106108	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.623	0.0541	0.0866	—	pCi/L	Y	—	NQ	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	07/02/2010	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0397	0.013	0.05	—	pCi/L	Y	U	U	10-3567	CAMO-10-22874	GELC
R-45 S2	974.9	11/06/2012	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0194	0.0112	0.04	—	pCi/L	Y	U	U	2013-276	CAMO-13-24248	GELC
R-45 S2	974.9	11/05/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0314	0.0103	0.0413	—	pCi/L	Y	U	U	2015-239	CAMO-15-90219	GELC
R-45 S2	974.9	11/11/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0401	0.0128	0.0616	—	pCi/L	Y	U	U	2016-318	CAMO-16-106108	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.011	0.012	0.0625	—	pCi/L	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	07/02/2010	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.193	0.029	0.057	—	pCi/L	Y	—	NQ	10-3567	CAMO-10-22874	GELC
R-45 S2	974.9	11/06/2012	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.243	0.027	0.0434	—	pCi/L	Y	—	NQ	2013-276	CAMO-13-24248	GELC
R-45 S2	974.9	11/05/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.254	0.0247	0.0454	—	pCi/L	Y	—	NQ	2015-239	CAMO-15-90219	GELC
R-45 S2	974.9	11/11/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.231	0.0228	0.0697	—	pCi/L	Y	—	NQ	2016-318	CAMO-16-106108	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.319	0.0387	0.101	—	pCi/L	Y	—	NQ	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	09/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.1	—	—	1	µg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160801	GELC
R-45 S2	974.9	10/30/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.92	—	—	1	µg/L	Y	—	NQ	N3B-2019-307	CAMO-19-163719	GELC
R-45 S2	974.9	11/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.55	—	—	1	µg/L	Y	—	NQ	N3B-2019-507	CAMO-19-163995	GELC
R-45 S2	974.9	12/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.99	—	—	1	µg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164861	GELC
R-45 S2	974.9	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.47	—	—	1	µg/L	Y	—	NQ	N3B-2019-761	CAMO-19-165981	GELC
R-45 S2	974.9	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.98	—	—	1	µg/L	Y	—	NQ	N3B-2019-902	CAMO-19-166458	GELC
R-45 S2	974.9	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.43	—	—	1	µg/L	Y	—	NQ	N3B-2019-1131	CAMO-19-167705	GELC
R-45 S2	974.9	04/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.75	—	—	1	µg/L	Y	—	NQ	N3B-2019-1632	CAMO-19-174825	GELC
R-45 S2	974.9	05/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.25	—	—	1	µg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175162	GELC
R-45 S2	974.9	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.75	—	—	1	µg/L	Y	—	NQ	N3B-2019-2198	CAMO-19-181688	GELC
R-45 S2	974.9	07/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.96	—	—	1	µg/L	Y	—	NQ	N3B-2019-2554	CAMO-19-181856	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.18	—	—	1	µg/L	Y	—	NQ	N3B-2019-3111	CAMO-19-184731	GELC
R-45 S2	974.9	08/23/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.18	—	—	1	µg/L	Y	—	NQ	N3B-2019-3111	CAMO-19-184734	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Vanadium	V	Y	7.41	—	—	3.3	µg/L	Y	J	J	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.74	—	—	1	µg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	10/30/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2019-307	CAMO-19-163719	GELC
R-45 S2	974.9	11/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2019-507	CAMO-19-163995	GELC
R-45 S2	974.9	12/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2019-699	CAMO-19-164861	GELC
R-45 S2	974.9	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.92	—	—	3.3	µg/L	Y	J	U	N3B-2019-761	CAMO-19-165981	GELC
R-45 S2	974.9	02/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	3.45	—	—	3.3	µg/L	Y	J	J	N3B-2019-902	CAMO-19-166458	GELC
R-45 S2	974.9	07/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	7.79	—	—	3.3	µg/L	Y	J	J	N3B-2019-2554	CAMO-19-181856	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Zinc	Zn	Y	3.41	—	—	3.3	µg/L	Y	J	J	N3B-2019-3594	CAMO-19-186527	GELC
R-50 S1	1077.0	11/18/2011	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3.5	µg/L	Y	U	UJ	12-383	CAMO-12-1505	GELC
R-50 S1	1077.0	11/12/2013	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3	µg/L	Y	UH	U	2014-2449	CAMO-14-45754	GELC
R-50 S1	1077.0	11/09/2015	WG	UF	INIT	FD	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3	µg/L	Y	UH	UJ	2016-302	CAMO-16-106069	GELC
R-50 S1	1077.0	11/09/2015	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3	µg/L	Y	UH	UJ	2016-302	CAMO-16-106110	GELC
R-50 S1	1077.0	11/16/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	—	1.5	µg/L	Y	U	U	2018-945	CAMO-18-148081	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	2.76	—	—	1.5	µg/L	Y	J	J	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	09/13/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.95	—	—	0.01	SU	Y	H	NQ	N3B-2018-3900	CAMO-18-160804	GELC
R-50 S1	1077.0	11/01/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.95	—	—	0.01	SU	Y	H	NQ	N3B-2019-358	CAMO-19-163722	GELC
R-50 S1	1077.0	11/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.9	—	—	0.01	SU	Y	H	NQ	N3B-2019-507	CAMO-19-163998	GELC
R-50 S1	1077.0	12/18/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.88	—	—	0.01	SU	Y	H	NQ	N3B-2019-699	CAMO-19-164864	GELC
R-50 S1	1077.0	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.88	—	—	0.01	SU	Y	H	NQ	N3B-2019-761	CAMO-19-165984	GELC
R-50 S1	1077.0	02/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.7	—	—	0.01	SU	Y	H	NQ	N3B-2019-940	CAMO-19-166461	GELC
R-50 S1	1077.0	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.85	—	—	0.01	SU	Y	H	NQ	N3B-2019-1131	CAMO-19-167708	GELC
R-50 S1	1077.0	04/29/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.88	—	—	0.01	SU	Y	H	NQ	N3B-2019-1636	CAMO-19-174828	GELC
R-50 S1	1077.0	05/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.88	—	—	0.01	SU	Y	H	NQ	N3B-2019-1877	CAMO-19-175165	GELC
R-50 S1	1077.0	06/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.75	—	—	0.01	SU	Y	H	NQ	N3B-2019-2213	CAMO-19-181691	GELC
R-50 S1	1077.0	07/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.6	—	—	0.01	SU	Y	H	NQ	N3B-2019-2573	CAMO-19-181859	GELC
R-50 S1	1077.0	08/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.75	—	—	0.01	SU	Y	H	J-	N3B-2019-3104	CAMO-19-184737	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.55	—	—	0.01	SU	Y	H	NQ	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.55	—	—	0.01	SU	Y	H	NQ	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.67	—	—	0.01	SU	Y	H	NQ	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	09/13/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	58	—	—	1.45	mg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160804	GELC
R-50 S1	1077.0	11/01/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	58.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-358	CAMO-19-163722	GELC
R-50 S1	1077.0	11/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	59.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-507	CAMO-19-163998	GELC
R-50 S1	1077.0	12/18/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	60.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164864	GELC
R-50 S1	1077.0	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-761	CAMO-19-165984	GELC
R-50 S1	1077.0	02/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-940	CAMO-19-166461	GELC
R-50 S1	1077.0	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-1131	CAMO-19-167708	GELC
R-50 S1	1077.0	04/29/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-1636	CAMO-19-174828	GELC
R-50 S1	1077.0	05/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175165	GELC
R-50 S1	1077.0	06/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-2213	CAMO-19-181691	GELC
R-50 S1	1077.0	07/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-2573	CAMO-19-181859	GELC
R-50 S1	1077.0	08/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.4	—	—	1.45	mg/L	Y	H	NQ	N3B-2019-3104	CAMO-19-184737	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	11/09/2012	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00187	0.00619	0.0212	—	pCi/L	Y	U	U	2013-306	CAMO-13-24249	GELC
R-50 S1	1077.0	11/14/2014	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00404	0.00495	0.0422	—	pCi/L	Y	U	U	2015-327	CAMO-15-90220	GELC
R-50 S1	1077.0	11/09/2015	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00648	0.00779	0.0292	—	pCi/L	Y	U	U	2016-302	CAMO-16-106069	GELC
R-50 S1	1077.0	11/09/2015	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00758	0.00758	0.0341	—	pCi/L	Y	U	U	2016-302	CAMO-16-106110	GELC
R-50 S1	1077.0	11/16/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00792	0.0056	0.0353	—	pCi/L	Y	U	U	2018-945	CAMO-18-148081	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0279	0.00886	0.0434	—	pCi/L	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.017	mg/L	Y	U	U	N3B-2019-1131	CAMO-19-167708	GELC
R-50 S1	1077.0	04/29/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0487	—	—	0.017	mg/L	Y	J	U	N3B-2019-1636	CAMO-19-174828	GELC
R-50 S1	1077.0	05/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0789	—	—	0.017	mg/L	Y	—	U	N3B-2019-1877	CAMO-19-175165	GELC
R-50 S1	1077.0	06/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0623	—	—	0.017	mg/L	Y	—	U	N3B-2019-2213	CAMO-19-181691	GELC
R-50 S1	1077.0	07/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.118	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-2573	CAMO-19-181859	GELC
R-50 S1	1077.0	08/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0621	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-3104	CAMO-19-184737	GELC
R-50 S1	1077.0	09/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.74	—	—	2	µg/L	Y	J	J	N3B-2018-3900	CAMO-18-160804	GELC
R-50 S1	1077.0	11/01/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.03	—	—	2	µg/L	Y	J	J	N3B-2019-358	CAMO-19-163722	GELC
R-50 S1	1077.0	11/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.45	—	—	2	µg/L	Y	J	J	N3B-2019-507	CAMO-19-163998	GELC
R-50 S1	1077.0	12/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.73	—	—	2	µg/L	Y	J	J	N3B-2019-699	CAMO-19-164864	GELC
R-50 S1	1077.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.32	—	—	2	µg/L	Y	J	J	N3B-2019-761	CAMO-19-165984	GELC
R-50 S1	1077.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.39	—	—	2	µg/L	Y	J	J	N3B-2019-940	CAMO-19-166461	GELC
R-50 S1	1077.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.23	—	—	2	µg/L	Y	J	J	N3B-2019-1131	CAMO-19-167708	GELC
R-50 S1	1077.0	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.64	—	—	2	µg/L	Y	J	J	N3B-2019-1877	CAMO-19-175165	GELC
R-50 S1	1077.0	06/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.03	—	—	2	µg/L	Y	J	J	N3B-2019-2213	CAMO-19-181691	GELC
R-50 S1	1077.0	08/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.63	—	—	2	µg/L	Y	J	J	N3B-2019-3104	CAMO-19-184737	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.04	—	—	2	µg/L	Y	J	J	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	09/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	23.4	—	—	1	µg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160804	GELC
R-50 S1	1077.0	11/01/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	28.6	—	—	1	µg/L	Y	—	NQ	N3B-2019-358	CAMO-19-163722	GELC
R-50 S1	1077.0	11/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	28.6	—	—	1	µg/L	Y	—	NQ	N3B-2019-507	CAMO-19-163998	GELC
R-50 S1	1077.0	12/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	28.7	—	—	1	µg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164864	GELC
R-50 S1	1077.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	29.9	—	—	1	µg/L	Y	—	NQ	N3B-2019-761	CAMO-19-165984	GELC
R-50 S1	1077.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	32.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-940	CAMO-19-166461	GELC
R-50 S1	1077.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	32.8	—	—	1	µg/L	Y	—	NQ	N3B-2019-1131	CAMO-19-167708	GELC
R-50 S1	1077.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	31.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-1636	CAMO-19-174828	GELC
R-50 S1	1077.0	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	31.3	—	—	1	µg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175165	GELC
R-50 S1	1077.0	06/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	32.6	—	—	1	µg/L	Y	—	NQ	N3B-2019-2213	CAMO-19-181691	GELC
R-50 S1	1077.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	34.5	—	—	1	µg/L	Y	—	NQ	N3B-2019-2573	CAMO-19-181859	GELC
R-50 S1	1077.0	08/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	34.7	—	—	1	µg/L	Y	—	NQ	N3B-2019-3104	CAMO-19-184737	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	33.4	—	—	1	µg/L	Y	—	NQ	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	33.1	—	—	1	µg/L	Y	—	NQ	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	35.2	—	—	1	µg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	09/13/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0977	—	—	0.067	mg/L	Y	J	J	N3B-2018-3900	CAMO-18-160804	GELC
R-50 S1	1077.0	11/01/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.105	—	—	0.067	mg/L	Y	J	J	N3B-2019-358	CAMO-19-163722	GELC
R-50 S1	1077.0	11/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.118	—	—	0.067	mg/L	Y	J	J	N3B-2019-507	CAMO-19-163998	GELC
R-50 S1	1077.0	12/18/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.123	—	—	0.067	mg/L	Y	J	J	N3B-2019-699	CAMO-19-164864	GELC
R-50 S1	1077.0	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.123	—	—	0.067	mg/L	Y	J	J	N3B-2019-761	CAMO-19-165984	GELC
R-50 S1	1077.0	02/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.138	—	—	0.067	mg/L	Y	J	J	N3B-2019-940	CAMO-19-166461	GELC
R-50 S1	1077.0	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.162	—	—	0.067	mg/L	Y	J	J	N3B-2019-1131	CAMO-19-167708	GELC
R-50 S1	1077.0	04/29/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.133	—	—	0.067	mg/L	Y	J	J	N3B-2019-1636	CAMO-19-174828	GELC
R-50 S1	1077.0	05/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.128	—	—	0.067	mg/L	Y	J	J	N3B-2019-1877	CAMO-19-175165	GELC
R-50 S1	1077.0	06/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.15	—	—	0.067	mg/L	Y	J	J-	N3B-2019-2213	CAMO-19-181691	GELC
R-50 S1	1077.0	07/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.121	—	—	0.067	mg/L	Y	J	J	N3B-2019-2573	CAMO-19-181859	GELC
R-50 S1	1077.0	08/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067	mg/L	N	U	U	N3B-2019-3104	CAMO-19-184737	GELC
R-50 S1	1077.0	08/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.127	—	—	0.067	mg/L	Y	HJ	J-	N3B-2019-3104	CAMO-19-184737	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.138	—	—	0.067	mg/L	Y	J	J+	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.136	—	—	0.067	mg/L	Y	J	J+	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	09/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160804	GELC
R-50 S1	1077.0	11/01/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	19	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-358	CAMO-19-163722	GELC
R-50 S1	1077.0	11/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	19.9	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-507	CAMO-19-163998	GELC
R-50 S1	1077.0	12/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	20.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164864	GELC
R-50 S1	1077.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	21.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-761	CAMO-19-165984	GELC
R-50 S1	1077.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	21.9	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-940	CAMO-19-166461	GELC
R-50 S1	1077.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	22.9	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1131	CAMO-19-167708	GELC
R-50 S1	1077.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	22	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1636	CAMO-19-174828	GELC
R-50 S1	1077.0	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	22.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175165	GELC
R-50 S1	1077.0	06/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	23.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2213	CAMO-19-181691	GELC
R-50 S1	1077.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	24.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2573	CAMO-19-181859	GELC
R-50 S1	1077.0	08/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	22.9	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3104	CAMO-19-184737	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	21.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	21.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	23.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	11/09/2012	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.37	1.88	6.27	—	pCi/L	Y	U	U	2013-306	CAMO-13-24249	GELC
R-50 S1	1077.0	11/14/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.614	1.24	4.32	—	pCi/L	Y	U	U	2015-327	CAMO-15-90220	GELC
R-50 S1	1077.0	11/09/2015	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.614	1.79	5.32	—	pCi/L	Y	U	U	2016-302	CAMO-16-106069	GELC
R-50 S1	1077.0	11/09/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	4.27	1.96	5.13	—	pCi/L	Y	U	U	2016-302	CAMO-16-106110	GELC
R-50 S1	1077.0	11/16/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.7	1.59	5.73	—	pCi/L	Y	U	U	2018-945	CAMO-18-148081	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.461	1.61	5.47	—	pCi/L	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	09/13/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	10.7	—	—	0.134	mg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160804	GELC
R-50 S1	1077.0	11/01/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	13.1	—	—	0.134	mg/L	Y	—	NQ	N3B-2019-358	CAMO-19-163722	GELC
R-50 S1	1077.0	11/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	13.8	—	—	0.134	mg/L	Y	—	NQ	N3B-2019-507	CAMO-19-163998	GELC
R-50 S1	1077.0	12/18/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	14.7	—	—	0.134	mg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164864	GELC
R-50 S1	1077.0	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	15.9	—	—	0.134	mg/L	Y	—	NQ	N3B-2019-761	CAMO-19-165984	GELC
R-50 S1	1077.0	02/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	16.3	—	—	0.134	mg/L	Y	—	NQ	N3B-2019-940	CAMO-19-166461	GELC
R-50 S1	1077.0	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	17.9	—	—	0.134	mg/L	Y	—	NQ	N3B-2019-1131	CAMO-19-167708	GELC
R-50 S1	1077.0	04/29/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	18.3	—	—	0.335	mg/L	Y	—	NQ	N3B-2019-1636	CAMO-19-174828	GELC
R-50 S1	1077.0	05/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	17.2	—	—	0.335	mg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175165	GELC
R-50 S1	1077.0	06/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	17.9	—	—	0.335	mg/L	Y	—	J-	N3B-2019-2213	CAMO-19-181691	GELC
R-50 S1	1077.0	07/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	15.7	—	—	0.335	mg/L	Y	H	J-	N3B-2019-2573	CAMO-19-181859	GELC
R-50 S1	1077.0	08/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.14	—	—	0.067	mg/L	N	—	NQ	N3B-2019-3104	CAMO-19-184737	GELC
R-50 S1	1077.0	08/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	15.8	—	—	0.335	mg/L	Y	H	J-	N3B-2019-3104	CAMO-19-184737	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	18.2	—	—	0.134	mg/L	Y	—	J+	N3B-2019-3451	CAMO-19-186530	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	17.6	—	—	0.134	mg/L	Y	—	J+	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	19.6	—	—	0.335	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	09/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	124	—	—	3	µg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160804	GELC
R-50 S1	1077.0	11/01/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	96.5	—	—	6	µg/L	Y	—	NQ	N3B-2019-358	CAMO-19-163722	GELC
R-50 S1	1077.0	11/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	93.7	—	—	3	µg/L	Y	—	NQ	N3B-2019-507	CAMO-19-163998	GELC
R-50 S1	1077.0	12/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	83.5	—	—	3	µg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164864	GELC
R-50 S1	1077.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	76.3	—	—	3	µg/L	Y	—	NQ	N3B-2019-761	CAMO-19-165984	GELC
R-50 S1	1077.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	63.7	—	—	3	µg/L	Y	—	NQ	N3B-2019-940	CAMO-19-166461	GELC
R-50 S1	1077.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	61.9	—	—	3	µg/L	Y	—	NQ	N3B-2019-1131	CAMO-19-167708	GELC
R-50 S1	1077.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	52.6	—	—	3	µg/L	Y	—	NQ	N3B-2019-1636	CAMO-19-174828	GELC
R-50 S1	1077.0	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	51.2	—	—	3	µg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175165	GELC
R-50 S1	1077.0	06/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	44.9	—	—	3	µg/L	Y	—	NQ	N3B-2019-2213	CAMO-19-181691	GELC
R-50 S1	1077.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	54.9	—	—	3	µg/L	Y	—	NQ	N3B-2019-2573	CAMO-19-181859	GELC
R-50 S1	1077.0	08/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	57.4	—	—	3	µg/L	Y	—	NQ	N3B-2019-3104	CAMO-19-184737	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	44.1	—	—	3	µg/L	Y	—	NQ	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Chromium	Cr	Y	43.1	—	—	3	µg/L	Y	—	NQ	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	40.5	—	—	3	µg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	11/09/2012	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.222	1.61	6.26	—	pCi/L	Y	U	U	2013-306	CAMO-13-24249	GELC
R-50 S1	1077.0	11/14/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.866	1.06	3.84	—	pCi/L	Y	U	U	2015-327	CAMO-15-90220	GELC
R-50 S1	1077.0	11/09/2015	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.11	1.34	4.48	—	pCi/L	Y	U	U	2016-302	CAMO-16-106069	GELC
R-50 S1	1077.0	11/09/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.676	1.51	5.56	—	pCi/L	Y	U	U	2016-302	CAMO-16-106110	GELC
R-50 S1	1077.0	11/16/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	3.3	1.12	5.65	—	pCi/L	Y	U	U	2018-945	CAMO-18-148081	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	4.1	1.34	5.48	—	pCi/L	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3	—	—	3	µg/L	Y	U	U	N3B-2019-1877	CAMO-19-175165	GELC
R-50 S1	1077.0	06/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3	—	—	3	µg/L	Y	U	U	N3B-2019-2213	CAMO-19-181691	GELC
R-50 S1	1077.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3	—	—	3	µg/L	Y	U	U	N3B-2019-2573	CAMO-19-181859	GELC
R-50 S1	1077.0	08/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3	—	—	3	µg/L	Y	U	U	N3B-2019-3104	CAMO-19-184737	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Copper	Cu	Y	0.677	—	—	0.3	µg/L	Y	J	J	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Copper	Cu	Y	0.622	—	—	0.3	µg/L	Y	J	J	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	11/18/2011	WG	UF	INIT	REG	SVOC	SW-846:8270C	Dioxane[1,4-]	123-91-1	N	11.1	—	—	3.3	µg/L	Y	U	U	12-383	CAMO-12-1505	GELC
R-50 S1	1077.0	11/12/2013	WG	UF	INIT	REG	SVOC	SW-846:8270C	Dioxane[1,4-]	123-91-1	N	10	—	—	3	µg/L	Y	U	U	2014-2449	CAMO-14-45754	GELC
R-50 S1	1077.0	11/09/2015	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	5.1	—	—	1.53	µg/L	Y	U	U	2016-302	CAMO-16-106069	GELC
R-50 S1	1077.0	11/09/2015	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	5	—	—	1.5	µg/L	Y	U	U	2016-302	CAMO-16-106110	GELC
R-50 S1	1077.0	11/16/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.49	—	—	3.49	µg/L	Y	U	U	2018-945	CAMO-18-148081	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.05	—	—	3.05	µg/L	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	Y	0.346	—	—	0.1	µg/L	Y	J	J	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	09/13/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.368	—	—	0.033	mg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160804	GELC
R-50 S1	1077.0	11/01/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.265	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-358	CAMO-19-163722	GELC
R-50 S1	1077.0	11/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.234	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-507	CAMO-19-163998	GELC
R-50 S1	1077.0	12/18/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.22	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164864	GELC
R-50 S1	1077.0	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.228	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-761	CAMO-19-165984	GELC
R-50 S1	1077.0	02/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.234	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-940	CAMO-19-166461	GELC
R-50 S1	1077.0	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.255	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-1131	CAMO-19-167708	GELC
R-50 S1	1077.0	04/29/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.348	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-1636	CAMO-19-174828	GELC
R-50 S1	1077.0	05/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.369	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175165	GELC
R-50 S1	1077.0	06/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.342	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2213	CAMO-19-181691	GELC
R-50 S1	1077.0	07/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.233	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2573	CAMO-19-181859	GELC
R-50 S1	1077.0	08/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	N	0.033	—	—	0.033	mg/L	N	U	U	N3B-2019-3104	CAMO-19-184737	GELC
R-50 S1	1077.0	08/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.308	—	—	0.033	mg/L	Y	H	J-	N3B-2019-3104	CAMO-19-184737	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.368	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.359	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.414	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	11/09/2012	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.83	0.612	2.08	—	pCi/L	Y	U	U	2013-306	CAMO-13-24249	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-50 S1	1077.0	11/14/2014	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.457	0.389	1.44	—	pCi/L	Y	U	U	2015-327	CAMO-15-90220	GELC
R-50 S1	1077.0	11/09/2015	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	-1.24	0.602	3.15	—	pCi/L	Y	U	U	2016-302	CAMO-16-106069	GELC
R-50 S1	1077.0	11/09/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	6.92	1.47	2.9	—	pCi/L	Y	—	NQ	2016-302	CAMO-16-106110	GELC
R-50 S1	1077.0	11/16/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.232	0.654	2.82	—	pCi/L	Y	U	U	2018-945	CAMO-18-148081	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.341	0.705	2.84	—	pCi/L	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/09/2012	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.67	0.821	2.61	—	pCi/L	Y	U	U	2013-306	CAMO-13-24249	GELC
R-50 S1	1077.0	11/14/2014	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.888	0.316	1.01	—	pCi/L	Y	U	U	2015-327	CAMO-15-90220	GELC
R-50 S1	1077.0	11/09/2015	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	0.496	0.73	2.61	—	pCi/L	Y	U	U	2016-302	CAMO-16-106069	GELC
R-50 S1	1077.0	11/09/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.65	0.402	1.04	—	pCi/L	Y	—	NQ	2016-302	CAMO-16-106110	GELC
R-50 S1	1077.0	11/16/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.13	0.822	2.76	—	pCi/L	Y	U	U	2018-945	CAMO-18-148081	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.937	0.515	1.69	—	pCi/L	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	09/13/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	59.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160804	GELC
R-50 S1	1077.0	11/01/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	69.5	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-358	CAMO-19-163722	GELC
R-50 S1	1077.0	11/19/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	75.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-507	CAMO-19-163998	GELC
R-50 S1	1077.0	12/18/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	73.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164864	GELC
R-50 S1	1077.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	78.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-761	CAMO-19-165984	GELC
R-50 S1	1077.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	80.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-940	CAMO-19-166461	GELC
R-50 S1	1077.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	83.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-1131	CAMO-19-167708	GELC
R-50 S1	1077.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	82.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-1636	CAMO-19-174828	GELC
R-50 S1	1077.0	05/09/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	85.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175165	GELC
R-50 S1	1077.0	06/17/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	86	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2213	CAMO-19-181691	GELC
R-50 S1	1077.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	88	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2573	CAMO-19-181859	GELC
R-50 S1	1077.0	08/22/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	85.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-3104	CAMO-19-184737	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	80.9	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	79.9	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	85.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	09/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.65	—	—	0.11	mg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160804	GELC
R-50 S1	1077.0	11/01/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.36	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-358	CAMO-19-163722	GELC
R-50 S1	1077.0	11/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.31	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-507	CAMO-19-163998	GELC
R-50 S1	1077.0	12/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.72	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164864	GELC
R-50 S1	1077.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.22	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-761	CAMO-19-165984	GELC
R-50 S1	1077.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.35	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-940	CAMO-19-166461	GELC
R-50 S1	1077.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.47	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-1131	CAMO-19-167708	GELC
R-50 S1	1077.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.77	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-1636	CAMO-19-174828	GELC
R-50 S1	1077.0	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	7	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175165	GELC
R-50 S1	1077.0	06/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.52	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-2213	CAMO-19-181691	GELC
R-50 S1	1077.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.76	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-2573	CAMO-19-181859	GELC
R-50 S1	1077.0	08/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.8	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-3104	CAMO-19-184737	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.41	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.33	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.64	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	09/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.656	—	—	0.2	µg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160804	GELC
R-50 S1	1077.0	11/01/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.661	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-358	CAMO-19-163722	GELC
R-50 S1	1077.0	11/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.631	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-507	CAMO-19-163998	GELC
R-50 S1	1077.0	12/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.56	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164864	GELC
R-50 S1	1077.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.558	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-761	CAMO-19-165984	GELC
R-50 S1	1077.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.583	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-940	CAMO-19-166461	GELC
R-50 S1	1077.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.536	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-1131	CAMO-19-167708	GELC
R-50 S1	1077.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.626	—	—	0.2	µg/L	Y	J	J	N3B-2019-1636	CAMO-19-174828	GELC
R-50 S1	1077.0	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.571	—	—	0.2	µg/L	Y	J	J	N3B-2019-1877	CAMO-19-175165	GELC
R-50 S1	1077.0	06/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.539	—	—	0.2	µg/L	Y	J	J	N3B-2019-2213	CAMO-19-181691	GELC
R-50 S1	1077.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.766	—	—	0.2	µg/L	Y	J	J	N3B-2019-2573	CAMO-19-181859	GELC
R-50 S1	1077.0	08/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.566	—	—	0.2	µg/L	Y	J	J	N3B-2019-3104	CAMO-19-184737	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	0.623	—	—	0.2	µg/L	Y	J	J	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	0.628	—	—	0.2	µg/L	Y	J	J	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	0.492	—	—	0.2	µg/L	Y	J	J	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	11/09/2012	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	4.38	3.63	13.2	—	pCi/L	Y	U	U	2013-306	CAMO-13-24249	GELC
R-50 S1	1077.0	11/14/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.151	2.34	8.12	—	pCi/L	Y	U	U	2015-327	CAMO-15-90220	GELC
R-50 S1	1077.0	11/09/2015	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	3.81	2.89	10.8	—	pCi/L	Y	U	U	2016-302	CAMO-16-106069	GELC
R-50 S1	1077.0	11/09/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.66	3.16	10.7	—	pCi/L	Y	U	U	2016-302	CAMO-16-106110	GELC
R-50 S1	1077.0	11/16/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.354	2.08	7.74	—	pCi/L	Y	U	U	2018-945	CAMO-18-148081	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	3.18	2.55	9.61	—	pCi/L	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	09/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.93	—	—	0.6	µg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160804	GELC
R-50 S1	1077.0	11/01/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	3.17	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-358	CAMO-19-163722	GELC
R-50 S1	1077.0	11/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	3.24	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-507	CAMO-19-163998	GELC
R-50 S1	1077.0	12/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	3.79	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164864	GELC
R-50 S1	1077.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	3.84	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-761	CAMO-19-165984	GELC
R-50 S1	1077.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	4.57	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-940	CAMO-19-166461	GELC
R-50 S1	1077.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	4.02	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-1131	CAMO-19-167708	GELC
R-50 S1	1077.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	3.9	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-1636	CAMO-19-174828	GELC
R-50 S1	1077.0	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	3.82	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175165	GELC
R-50 S1	1077.0	06/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	7.46	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-2213	CAMO-19-181691	GELC
R-50 S1	1077.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	9.57	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-2573	CAMO-19-181859	GELC
R-50 S1	1077.0	08/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	5.52	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-3104	CAMO-19-184737	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	5.32	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Nickel	Ni	Y	5.36	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	6.77	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	09/13/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.1	—	—	0.085	mg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160804	GELC
R-50 S1	1077.0	11/01/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.58	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-358	CAMO-19-163722	GELC
R-50 S1	1077.0	11/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.34	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-507	CAMO-19-163998	GELC
R-50 S1	1077.0	12/18/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.52	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164864	GELC
R-50 S1	1077.0	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.29	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-761	CAMO-19-165984	GELC
R-50 S1	1077.0	02/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.56	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-940	CAMO-19-166461	GELC
R-50 S1	1077.0	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.77	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-1131	CAMO-19-167708	GELC
R-50 S1	1077.0	04/29/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.46	—	—	0.17	mg/L	Y	—	NQ	N3B-2019-1636	CAMO-19-174828	GELC
R-50 S1	1077.0	05/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.49	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175165	GELC
R-50 S1	1077.0	06/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.56	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-2213	CAMO-19-181691	GELC
R-50 S1	1077.0	07/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.52	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-2573	CAMO-19-181859	GELC
R-50 S1	1077.0	08/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.38	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-3104	CAMO-19-184737	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.25	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.29	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.44	—	—	0.085	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	09/13/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.62	—	—	0.05	µg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160804	GELC
R-50 S1	1077.0	11/01/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.529	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-358	CAMO-19-163722	GELC
R-50 S1	1077.0	11/19/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.543	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-507	CAMO-19-163998	GELC
R-50 S1	1077.0	12/18/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.526	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164864	GELC
R-50 S1	1077.0	01/15/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.509	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-761	CAMO-19-165984	GELC
R-50 S1	1077.0	02/20/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.451	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-940	CAMO-19-166461	GELC
R-50 S1	1077.0	03/14/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.462	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-1131	CAMO-19-167708	GELC
R-50 S1	1077.0	04/29/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.403	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-1636	CAMO-19-174828	GELC
R-50 S1	1077.0	05/09/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.364	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175165	GELC
R-50 S1	1077.0	06/17/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.436	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-2213	CAMO-19-181691	GELC
R-50 S1	1077.0	07/17/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.381	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-2573	CAMO-19-181859	GELC
R-50 S1	1077.0	08/22/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.406	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-3104	CAMO-19-184737	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.376	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.372	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-3451	CAMO-19-186534	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.396	—	—	0.05	µg/L	Y	—	J	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	11/09/2012	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00857	0.00606	0.0206	—	pCi/L	Y	U	U	2013-306	CAMO-13-24249	GELC
R-50 S1	1077.0	11/14/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00324	0.00725	0.0435	—	pCi/L	Y	U	U	2015-327	CAMO-15-90220	GELC
R-50 S1	1077.0	11/09/2015	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0129	0.00965	0.0252	—	pCi/L	Y	U	U	2016-302	CAMO-16-106069	GELC
R-50 S1	1077.0	11/09/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00846	0.00746	0.033	—	pCi/L	Y	U	U	2016-302	CAMO-16-106110	GELC
R-50 S1	1077.0	11/16/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0159	0.00837	0.039	—	pCi/L	Y	U	U	2018-945	CAMO-18-148081	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00208	0.00623	0.0404	—	pCi/L	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/09/2012	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0107	0.00643	0.0342	—	pCi/L	Y	U	U	2013-306	CAMO-13-24249	GELC
R-50 S1	1077.0	11/14/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00648	0.00794	0.0641	—	pCi/L	Y	U	U	2015-327	CAMO-15-90220	GELC
R-50 S1	1077.0	11/09/2015	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.00863	0.0485	—	pCi/L	Y	U	U	2016-302	CAMO-16-106069	GELC
R-50 S1	1077.0	11/09/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0197	0.00935	0.0634	—	pCi/L	Y	U	U	2016-302	CAMO-16-106110	GELC
R-50 S1	1077.0	11/16/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00000000353	0.0112	0.0558	—	pCi/L	Y	U	U	2018-945	CAMO-18-148081	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00000000173	0.00719	0.0324	—	pCi/L	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	09/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.16	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160804	GELC
R-50 S1	1077.0	11/01/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.36	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-358	CAMO-19-163722	GELC
R-50 S1	1077.0	11/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.34	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-507	CAMO-19-163998	GELC
R-50 S1	1077.0	12/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.22	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164864	GELC
R-50 S1	1077.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-761	CAMO-19-165984	GELC
R-50 S1	1077.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-940	CAMO-19-166461	GELC
R-50 S1	1077.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.38	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1131	CAMO-19-167708	GELC
R-50 S1	1077.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.49	—	—	0.05	mg/L	Y	—	J+	N3B-2019-1636	CAMO-19-174828	GELC
R-50 S1	1077.0	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.37	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175165	GELC
R-50 S1	1077.0	06/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.45	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2213	CAMO-19-181691	GELC
R-50 S1	1077.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.56	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2573	CAMO-19-181859	GELC
R-50 S1	1077.0	08/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.52	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3104	CAMO-19-184737	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	1.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	11/09/2012	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-2.43	23.2	85.6	—	pCi/L	Y	U	U	2013-306	CAMO-13-24249	GELC
R-50 S1	1077.0	11/14/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	35.9	16.7	43.6	—	pCi/L	Y	U	U	2015-327	CAMO-15-90220	GELC
R-50 S1	1077.0	11/09/2015	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-8.71	17.1	65.3	—	pCi/L	Y	U	U	2016-302	CAMO-16-106069	GELC
R-50 S1	1077.0	11/09/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-7.46	18.7	70.8	—	pCi/L	Y	U	U	2016-302	CAMO-16-106110	GELC
R-50 S1	1077.0	11/16/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-7.59	15.2	59.6	—	pCi/L	Y	U	U	2018-945	CAMO-18-148081	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-12.3	17.1	62.8	—	pCi/L	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/18/2011	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.167	0.11	0.34	—	pCi/L	Y	U	U	12-384	CAMO-12-1505	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	3.84	0.461	0.659	—	pCi/L	Y	—	NQ	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	3.84	0.492	—	—	pCi/L	Y	—	NQ	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/18/2011	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.119	0.11	0.4	—	pCi/L	Y	U	U	12-384	CAMO-12-1505	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.0371	0.17	0.644	—	pCi/L	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	09/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	65	—	—	0.053	mg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160804	GELC
R-50 S1	1077.0	11/01/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-358	CAMO-19-163722	GELC
R-50 S1	1077.0	11/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	67	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-507	CAMO-19-163998	GELC
R-50 S1	1077.0	12/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164864	GELC
R-50 S1	1077.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-761	CAMO-19-165984	GELC
R-50 S1	1077.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-940	CAMO-19-166461	GELC
R-50 S1	1077.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-1131	CAMO-19-167708	GELC
R-50 S1	1077.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-1636	CAMO-19-174828	GELC
R-50 S1	1077.0	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175165	GELC
R-50 S1	1077.0	06/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-2213	CAMO-19-181691	GELC
R-50 S1	1077.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-2573	CAMO-19-181859	GELC
R-50 S1	1077.0	08/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-3104	CAMO-19-184737	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-3451	CAMO-19-186534	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	09/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.5	—	—	0.1	mg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160804	GELC
R-50 S1	1077.0	11/01/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.1	—	—	0.1	mg/L	Y	E	J+	N3B-2019-358	CAMO-19-163722	GELC
R-50 S1	1077.0	11/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-507	CAMO-19-163998	GELC
R-50 S1	1077.0	12/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.4	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164864	GELC
R-50 S1	1077.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.5	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-761	CAMO-19-165984	GELC
R-50 S1	1077.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.9	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-940	CAMO-19-166461	GELC
R-50 S1	1077.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.5	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-1131	CAMO-19-167708	GELC
R-50 S1	1077.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.7	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-1636	CAMO-19-174828	GELC
R-50 S1	1077.0	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175165	GELC
R-50 S1	1077.0	06/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.6	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-2213	CAMO-19-181691	GELC
R-50 S1	1077.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	13.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-2573	CAMO-19-181859	GELC
R-50 S1	1077.0	08/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.7	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-3104	CAMO-19-184737	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	12	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.7	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	11/09/2012	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.35	1.66	6.76	—	pCi/L	Y	U	U	2013-306	CAMO-13-24249	GELC
R-50 S1	1077.0	11/14/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.35	1.28	4.31	—	pCi/L	Y	U	U	2015-327	CAMO-15-90220	GELC
R-50 S1	1077.0	11/09/2015	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.43	1.47	4.28	—	pCi/L	Y	U	U	2016-302	CAMO-16-106069	GELC
R-50 S1	1077.0	11/09/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.571	1.65	6.35	—	pCi/L	Y	U	U	2016-302	CAMO-16-106110	GELC
R-50 S1	1077.0	11/16/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.533	0.934	4.09	—	pCi/L	Y	U	U	2018-945	CAMO-18-148081	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.75	1.66	6	—	pCi/L	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	09/13/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	197	—	—	1	µS/cm	Y	—	NQ	N3B-2018-3900	CAMO-18-160804	GELC
R-50 S1	1077.0	11/01/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	209	—	—	1	µS/cm	Y	—	NQ	N3B-2019-358	CAMO-19-163722	GELC
R-50 S1	1077.0	11/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	217	—	—	1	µS/cm	Y	—	NQ	N3B-2019-507	CAMO-19-163998	GELC
R-50 S1	1077.0	12/18/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	222	—	—	1	µS/cm	Y	—	NQ	N3B-2019-699	CAMO-19-164864	GELC
R-50 S1	1077.0	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	246	—	—	1	µS/cm	Y	—	NQ	N3B-2019-761	CAMO-19-165984	GELC
R-50 S1	1077.0	02/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	236	—	—	1	µS/cm	Y	—	NQ	N3B-2019-940	CAMO-19-166461	GELC
R-50 S1	1077.0	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	251	—	—	1	µS/cm	Y	—	NQ	N3B-2019-1131	CAMO-19-167708	GELC
R-50 S1	1077.0	04/29/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	243	—	—	1	µS/cm	Y	—	NQ	N3B-2019-1636	CAMO-19-174828	GELC
R-50 S1	1077.0	05/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	244	—	—	1	µS/cm	Y	—	NQ	N3B-2019-1877	CAMO-19-175165	GELC
R-50 S1	1077.0	06/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	250	—	—	1	µS/cm	Y	—	NQ	N3B-2019-2213	CAMO-19-181691	GELC
R-50 S1	1077.0	07/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	254	—	—	1	µS/cm	Y	—	NQ	N3B-2019-2573	CAMO-19-181859	GELC
R-50 S1	1077.0	08/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	212	—	—	1	µS/cm	Y	—	NQ	N3B-2019-3104	CAMO-19-184737	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	210	—	—	1	µS/cm	Y	—	NQ	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	210	—	—	1	µS/cm	Y	—	NQ	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	230	—	—	1	µS/cm	Y	—	NQ	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	09/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	67.4	—	—	1	µg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160804	GELC
R-50 S1	1077.0	11/01/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	78.7	—	—	1	µg/L	Y	—	NQ	N3B-2019-358	CAMO-19-163722	GELC
R-50 S1	1077.0	11/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	84.6	—	—	1	µg/L	Y	—	NQ	N3B-2019-507	CAMO-19-163998	GELC
R-50 S1	1077.0	12/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	85	—	—	1	µg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164864	GELC
R-50 S1	1077.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	88.5	—	—	1	µg/L	Y	—	NQ	N3B-2019-761	CAMO-19-165984	GELC
R-50 S1	1077.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	94.1	—	—	1	µg/L	Y	—	NQ	N3B-2019-940	CAMO-19-166461	GELC
R-50 S1	1077.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	96.1	—	—	1	µg/L	Y	—	NQ	N3B-2019-1131	CAMO-19-167708	GELC
R-50 S1	1077.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	95.5	—	—	1	µg/L	Y	—	NQ	N3B-2019-1636	CAMO-19-174828	GELC
R-50 S1	1077.0	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	93	—	—	1	µg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175165	GELC
R-50 S1	1077.0	06/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	92	—	—	1	µg/L	Y	—	NQ	N3B-2019-2213	CAMO-19-181691	GELC
R-50 S1	1077.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	99.4	—	—	1	µg/L	Y	—	NQ	N3B-2019-2573	CAMO-19-181859	GELC
R-50 S1	1077.0	08/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	96	—	—	1	µg/L	Y	—	NQ	N3B-2019-3104	CAMO-19-184737	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	91.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	90.5	—	—	1	µg/L	Y	—	NQ	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	99.3	—	—	1	µg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	11/09/2012	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0381	0.139	0.494	—	pCi/L	Y	U	U	2013-306	CAMO-13-24249	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-50 S1	1077.0	11/14/2014	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.252	0.118	0.487	—	pCi/L	Y	U	U	2015-327	CAMO-15-90220	GELC
R-50 S1	1077.0	11/09/2015	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0209	0.104	0.388	—	pCi/L	Y	U	U	2016-302	CAMO-16-106069	GELC
R-50 S1	1077.0	11/09/2015	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.00345	0.112	0.395	—	pCi/L	Y	U	U	2016-302	CAMO-16-106110	GELC
R-50 S1	1077.0	11/16/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.00748	0.0986	0.365	—	pCi/L	Y	U	U	2018-945	CAMO-18-148081	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.377	0.152	0.489	—	pCi/L	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	09/13/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	14.5	—	—	0.133	mg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160804	GELC
R-50 S1	1077.0	11/01/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	15.9	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-358	CAMO-19-163722	GELC
R-50 S1	1077.0	11/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	16.2	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-507	CAMO-19-163998	GELC
R-50 S1	1077.0	12/18/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	17.1	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164864	GELC
R-50 S1	1077.0	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	17.6	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-761	CAMO-19-165984	GELC
R-50 S1	1077.0	02/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	18.3	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-940	CAMO-19-166461	GELC
R-50 S1	1077.0	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	18.4	—	—	0.266	mg/L	Y	—	NQ	N3B-2019-1131	CAMO-19-167708	GELC
R-50 S1	1077.0	04/29/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	19.6	—	—	0.665	mg/L	Y	—	NQ	N3B-2019-1636	CAMO-19-174828	GELC
R-50 S1	1077.0	05/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	18.4	—	—	0.665	mg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175165	GELC
R-50 S1	1077.0	06/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	19.1	—	—	0.665	mg/L	Y	—	J-	N3B-2019-2213	CAMO-19-181691	GELC
R-50 S1	1077.0	07/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	18.2	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-2573	CAMO-19-181859	GELC
R-50 S1	1077.0	08/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.26	—	—	0.133	mg/L	N	—	NQ	N3B-2019-3104	CAMO-19-184737	GELC
R-50 S1	1077.0	08/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	18.5	—	—	0.133	mg/L	Y	H	J-	N3B-2019-3104	CAMO-19-184737	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	18.1	—	—	0.133	mg/L	Y	—	J+	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	18.1	—	—	0.133	mg/L	Y	—	J+	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	20.2	—	—	0.665	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	09/13/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2018-3900	CAMO-18-160804	GELC
R-50 S1	1077.0	09/13/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2018-3900	CAMO-18-160805	GELC
R-50 S1	1077.0	11/01/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-358	CAMO-19-163722	GELC
R-50 S1	1077.0	11/01/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-358	CAMO-19-163723	GELC
R-50 S1	1077.0	11/19/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-507	CAMO-19-163998	GELC
R-50 S1	1077.0	11/19/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-507	CAMO-19-163999	GELC
R-50 S1	1077.0	12/18/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-699	CAMO-19-164864	GELC
R-50 S1	1077.0	12/18/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-699	CAMO-19-164865	GELC
R-50 S1	1077.0	01/15/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-761	CAMO-19-165984	GELC
R-50 S1	1077.0	01/15/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-761	CAMO-19-165985	GELC
R-50 S1	1077.0	02/20/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-940	CAMO-19-166461	GELC
R-50 S1	1077.0	02/20/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-940	CAMO-19-166462	GELC
R-50 S1	1077.0	03/14/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-1131	CAMO-19-167708	GELC
R-50 S1	1077.0	03/14/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-1131	CAMO-19-167709	GELC
R-50 S1	1077.0	04/29/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-1636	CAMO-19-174827	GELC
R-50 S1	1077.0	04/29/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-1636	CAMO-19-174828	GELC
R-50 S1	1077.0	05/09/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-1877	CAMO-19-175165	GELC
R-50 S1	1077.0	05/09/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-1877	CAMO-19-175166	GELC
R-50 S1	1077.0	06/17/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2019-2213	CAMO-19-181691	GELC
R-50 S1	1077.0	06/17/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2019-2213	CAMO-19-181692	GELC
R-50 S1	1077.0	07/17/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-2573	CAMO-19-181859	GELC
R-50 S1	1077.0	07/17/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-2573	CAMO-19-181860	GELC
R-50 S1	1077.0	08/22/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-3104	CAMO-19-184737	GELC
R-50 S1	1077.0	08/22/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-3104	CAMO-19-184738	GELC
R-50 S1	1077.0	09/20/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-3451	CAMO-19-186529	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-3451	CAMO-19-186533	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/01/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2019-358	CAMO-19-163722	GELC
R-50 S1	1077.0	11/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	8.31	—	—	2.5	µg/L	Y	J	J	N3B-2019-507	CAMO-19-163998	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-50 S1	1077.0	12/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2019-699	CAMO-19-164864	GELC
R-50 S1	1077.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	10.7	—	—	2.5	µg/L	Y	—	U	N3B-2019-761	CAMO-19-165984	GELC
R-50 S1	1077.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	4.97	—	—	2.5	µg/L	Y	J	J	N3B-2019-940	CAMO-19-166461	GELC
R-50 S1	1077.0	09/13/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	173	—	—	3.4	mg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160804	GELC
R-50 S1	1077.0	11/01/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	184	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-358	CAMO-19-163722	GELC
R-50 S1	1077.0	11/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	153	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-507	CAMO-19-163998	GELC
R-50 S1	1077.0	12/18/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	147	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164864	GELC
R-50 S1	1077.0	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	229	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-761	CAMO-19-165984	GELC
R-50 S1	1077.0	02/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	221	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-940	CAMO-19-166461	GELC
R-50 S1	1077.0	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	187	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-1131	CAMO-19-167708	GELC
R-50 S1	1077.0	04/29/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	167	—	—	3.4	mg/L	Y	—	J+	N3B-2019-1636	CAMO-19-174828	GELC
R-50 S1	1077.0	05/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	194	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175165	GELC
R-50 S1	1077.0	06/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	176	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-2213	CAMO-19-181691	GELC
R-50 S1	1077.0	07/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	161	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-2573	CAMO-19-181859	GELC
R-50 S1	1077.0	08/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	216	—	—	3.4	mg/L	Y	—	J+	N3B-2019-3104	CAMO-19-184737	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	194	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	159	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	229	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	09/13/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2018-3900	CAMO-18-160805	GELC
R-50 S1	1077.0	11/01/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2019-358	CAMO-19-163723	GELC
R-50 S1	1077.0	11/19/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2019-507	CAMO-19-163999	GELC
R-50 S1	1077.0	12/18/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2019-699	CAMO-19-164865	GELC
R-50 S1	1077.0	01/15/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.16	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-761	CAMO-19-165985	GELC
R-50 S1	1077.0	05/09/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0529	—	—	0.033	mg/L	Y	J	J	N3B-2019-1877	CAMO-19-175166	GELC
R-50 S1	1077.0	12/18/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.361	—	—	0.33	mg/L	Y	J	J	N3B-2019-699	CAMO-19-164865	GELC
R-50 S1	1077.0	01/15/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2019-761	CAMO-19-165985	GELC
R-50 S1	1077.0	02/20/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2019-940	CAMO-19-166462	GELC
R-50 S1	1077.0	03/14/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2019-1131	CAMO-19-167709	GELC
R-50 S1	1077.0	04/29/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.344	—	—	0.33	mg/L	Y	J	J	N3B-2019-1636	CAMO-19-174827	GELC
R-50 S1	1077.0	07/17/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.375	—	—	0.33	mg/L	Y	J	J	N3B-2019-2573	CAMO-19-181860	GELC
R-50 S1	1077.0	08/22/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.469	—	—	0.33	mg/L	Y	J	J	N3B-2019-3104	CAMO-19-184738	GELC
R-50 S1	1077.0	09/20/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.338	—	—	0.33	mg/L	Y	J	J	N3B-2019-3451	CAMO-19-186529	GELC
R-50 S1	1077.0	09/20/2019	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2019-3451	CAMO-19-186533	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.501	—	—	0.33	mg/L	Y	J	J	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0283	—	—	0.02	mg/L	Y	J	U	N3B-2019-1131	CAMO-19-167708	GELC
R-50 S1	1077.0	04/29/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0534	—	—	0.02	mg/L	Y	—	U	N3B-2019-1636	CAMO-19-174828	GELC
R-50 S1	1077.0	05/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0318	—	—	0.02	mg/L	Y	J	U	N3B-2019-1877	CAMO-19-175165	GELC
R-50 S1	1077.0	06/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	—	0.02	mg/L	Y	U	U	N3B-2019-2213	CAMO-19-181691	GELC
R-50 S1	1077.0	07/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0751	—	—	0.02	mg/L	Y	—	NQ	N3B-2019-2573	CAMO-19-181859	GELC
R-50 S1	1077.0	08/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.1	—	—	0.02	mg/L	Y	—	NQ	N3B-2019-3104	CAMO-19-184737	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.022	—	—	0.02	mg/L	Y	J	J	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	07/28/2017	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	18.081	2.863	2.148	—	pCi/L	Y	—	J-	2017-2313	CAMO-17-142312	ARSL
R-50 S1	1077.0	11/16/2017	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	25.504	4.016	2.826	—	pCi/L	Y	—	NQ	2018-1067	CAMO-18-148081	ARSL
R-50 S1	1077.0	05/14/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	20.958	3.498	3.721	—	pCi/L	Y	—	NQ	2018-2570	CAMO-18-154832	ARSL
R-50 S1	1077.0	11/19/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	43.889	6.735	2.788	—	pCi/L	Y	—	NQ	N3B-2019-516	CAMO-19-163999	ARSL
R-50 S1	1077.0	01/15/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	38.15	5.891	2.948	—	pCi/L	Y	—	NQ	N3B-2019-773	CAMO-19-165985	ARSL
R-50 S1	1077.0	05/09/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	27.004	4.223	2.754	—	pCi/L	Y	—	NQ	N3B-2019-1983	CAMO-19-175166	ARSL
R-50 S1	1077.0	09/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.482	—	—	0.067	µg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160804	GELC
R-50 S1	1077.0	11/01/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.648	—	—	0.067	µg/L	Y	—	J+	N3B-2019-358	CAMO-19-163722	GELC
R-50 S1	1077.0	11/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.545	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-507	CAMO-19-163998	GELC
R-50 S1	1077.0	12/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.596	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-699	CAMO-19-164864	GELC
R-50 S1	1077.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.652	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-761	CAMO-19-165984	GELC
R-50 S1	1077.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.691	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-940	CAMO-19-166461	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-50 S1	1077.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.684	—	—	0.067	µg/L	Y	—	J+	N3B-2019-1131	CAMO-19-167708	GELC
R-50 S1	1077.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.708	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-1636	CAMO-19-174828	GELC
R-50 S1	1077.0	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.669	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175165	GELC
R-50 S1	1077.0	06/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.663	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-2213	CAMO-19-181691	GELC
R-50 S1	1077.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.775	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-2573	CAMO-19-181859	GELC
R-50 S1	1077.0	08/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.614	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-3104	CAMO-19-184737	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.597	—	—	0.067	µg/L	Y	—	J+	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Uranium	U	Y	0.561	—	—	0.067	µg/L	Y	—	J+	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.633	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	11/09/2012	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.42	0.0372	0.0726	—	pCi/L	Y	—	NQ	2013-306	CAMO-13-24249	GELC
R-50 S1	1077.0	11/14/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.32	0.0317	0.055	—	pCi/L	Y	—	J	2015-327	CAMO-15-90220	GELC
R-50 S1	1077.0	11/09/2015	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.404	0.0312	0.0746	—	pCi/L	Y	—	NQ	2016-302	CAMO-16-106069	GELC
R-50 S1	1077.0	11/09/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.383	0.0313	0.0787	—	pCi/L	Y	—	NQ	2016-302	CAMO-16-106110	GELC
R-50 S1	1077.0	11/16/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.358	0.0471	0.247	—	pCi/L	Y	—	NQ	2018-945	CAMO-18-148081	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.474	0.0454	0.08	—	pCi/L	Y	—	NQ	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/09/2012	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0271	0.0128	0.0453	—	pCi/L	Y	U	U	2013-306	CAMO-13-24249	GELC
R-50 S1	1077.0	11/14/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0399	0.0141	0.0479	—	pCi/L	Y	U	U	2015-327	CAMO-15-90220	GELC
R-50 S1	1077.0	11/09/2015	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0198	0.0109	0.065	—	pCi/L	Y	U	U	2016-302	CAMO-16-106069	GELC
R-50 S1	1077.0	11/09/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0	0.00942	0.0686	—	pCi/L	Y	U	U	2016-302	CAMO-16-106110	GELC
R-50 S1	1077.0	11/16/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0561	0.0231	0.109	—	pCi/L	Y	U	U	2018-945	CAMO-18-148081	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0178	0.012	0.0577	—	pCi/L	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/09/2012	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.21	0.0267	0.0493	—	pCi/L	Y	—	NQ	2013-306	CAMO-13-24249	GELC
R-50 S1	1077.0	11/14/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.164	0.0213	0.0527	—	pCi/L	Y	—	NQ	2015-327	CAMO-15-90220	GELC
R-50 S1	1077.0	11/09/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.19	0.0225	0.0777	—	pCi/L	Y	—	NQ	2016-302	CAMO-16-106110	GELC
R-50 S1	1077.0	11/09/2015	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.173	0.0209	0.0736	—	pCi/L	Y	—	NQ	2016-302	CAMO-16-106069	GELC
R-50 S1	1077.0	11/16/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.182	0.0335	0.146	—	pCi/L	Y	—	NQ	2018-945	CAMO-18-148081	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.175	0.0275	0.0935	—	pCi/L	Y	—	NQ	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	09/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.78	—	—	1	µg/L	Y	J	J	N3B-2018-3900	CAMO-18-160804	GELC
R-50 S1	1077.0	11/01/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.7	—	—	1	µg/L	Y	—	NQ	N3B-2019-358	CAMO-19-163722	GELC
R-50 S1	1077.0	11/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4	—	—	1	µg/L	Y	J	J	N3B-2019-507	CAMO-19-163998	GELC
R-50 S1	1077.0	12/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.15	—	—	1	µg/L	Y	J	J	N3B-2019-699	CAMO-19-164864	GELC
R-50 S1	1077.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.08	—	—	1	µg/L	Y	J	J	N3B-2019-761	CAMO-19-165984	GELC
R-50 S1	1077.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.75	—	—	1	µg/L	Y	J	J	N3B-2019-940	CAMO-19-166461	GELC
R-50 S1	1077.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.94	—	—	1	µg/L	Y	J	J	N3B-2019-1131	CAMO-19-167708	GELC
R-50 S1	1077.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.84	—	—	1	µg/L	Y	J	J	N3B-2019-1636	CAMO-19-174828	GELC
R-50 S1	1077.0	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.04	—	—	1	µg/L	Y	J	J	N3B-2019-1877	CAMO-19-175165	GELC
R-50 S1	1077.0	06/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.93	—	—	1	µg/L	Y	J	J	N3B-2019-2213	CAMO-19-181691	GELC
R-50 S1	1077.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.43	—	—	1	µg/L	Y	J	J	N3B-2019-2573	CAMO-19-181859	GELC
R-50 S1	1077.0	08/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.24	—	—	1	µg/L	Y	J	J	N3B-2019-3104	CAMO-19-184737	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.79	—	—	1	µg/L	Y	J	J	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	11/01/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	6.92	—	—	3.3	µg/L	Y	J	J	N3B-2019-358	CAMO-19-163722	GELC
R-50 S1	1077.0	11/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	7.74	—	—	3.3	µg/L	Y	J	J	N3B-2019-507	CAMO-19-163998	GELC
R-50 S1	1077.0	12/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	6.92	—	—	3.3	µg/L	Y	J	J	N3B-2019-699	CAMO-19-164864	GELC
R-50 S1	1077.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	18.6	—	—	3.3	µg/L	Y	—	U	N3B-2019-761	CAMO-19-165984	GELC
R-50 S1	1077.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	13.1	—	—	3.3	µg/L	Y	—	NQ	N3B-2019-940	CAMO-19-166461	GELC
R-50 S1	1077.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	5.74	—	—	3.3	µg/L	Y	J	J	N3B-2019-1131	CAMO-19-167708	GELC
R-50 S1	1077.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	6.22	—	—	3.3	µg/L	Y	J	J	N3B-2019-1636	CAMO-19-174828	GELC
R-50 S1	1077.0	05/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	4.88	—	—	3.3	µg/L	Y	J	J	N3B-2019-1877	CAMO-19-175165	GELC
R-50 S1	1077.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	24.7	—	—	3.3	µg/L	Y	—	J+	N3B-2019-2573	CAMO-19-181859	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	9.55	—	—	3.3	µg/L	Y	J	J	N3B-2020-388	CAMO-20-189174	GELC
R-50 S2	1185.0	11/12/2013	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3	µg/L	Y	UH	U	2014-2449	CAMO-14-45755	GELC
R-50 S2	1185.0	11/13/2014	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3	µg/L	Y	U	U	2015-318	CAMO-15-90221	GELC
R-50 S2	1185.0	11/09/2015	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3	µg/L	Y	UH	UJ	2016-302	CAMO-16-106111	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-50 S2	1185.0	11/16/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	—	1.5	µg/L	Y	U	U	2018-945	CAMO-18-148082	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	3.83	—	—	1.5	µg/L	Y	J	J	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	09/12/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.13	—	—	0.01	SU	Y	H	NQ	N3B-2018-3900	CAMO-18-160807	GELC
R-50 S2	1185.0	11/01/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.06	—	—	0.01	SU	Y	H	NQ	N3B-2019-358	CAMO-19-163725	GELC
R-50 S2	1185.0	11/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.11	—	—	0.01	SU	Y	H	NQ	N3B-2019-507	CAMO-19-164001	GELC
R-50 S2	1185.0	12/17/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.06	—	—	0.01	SU	Y	H	NQ	N3B-2019-672	CAMO-19-164867	GELC
R-50 S2	1185.0	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.06	—	—	0.01	SU	Y	H	NQ	N3B-2019-761	CAMO-19-165987	GELC
R-50 S2	1185.0	02/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.1	—	—	0.01	SU	Y	H	NQ	N3B-2019-940	CAMO-19-166464	GELC
R-50 S2	1185.0	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.05	—	—	0.01	SU	Y	H	NQ	N3B-2019-1131	CAMO-19-167711	GELC
R-50 S2	1185.0	04/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.33	—	—	0.01	SU	Y	H	NQ	N3B-2019-1441	CAMO-19-174831	GELC
R-50 S2	1185.0	05/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.1	—	—	0.01	SU	Y	H	J-	N3B-2019-2011	CAMO-19-175168	GELC
R-50 S2	1185.0	06/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.15	—	—	0.01	SU	Y	H	NQ	N3B-2019-2165	CAMO-19-181694	GELC
R-50 S2	1185.0	07/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.11	—	—	0.01	SU	Y	H	NQ	N3B-2019-2508	CAMO-19-181863	GELC
R-50 S2	1185.0	08/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.14	—	—	0.01	SU	Y	H	NQ	N3B-2019-3056	CAMO-19-184740	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8	—	—	0.01	SU	Y	H	NQ	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.07	—	—	0.01	SU	Y	H	NQ	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	09/12/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65	—	—	1.45	mg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160807	GELC
R-50 S2	1185.0	11/01/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-358	CAMO-19-163725	GELC
R-50 S2	1185.0	11/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-507	CAMO-19-164001	GELC
R-50 S2	1185.0	12/17/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-672	CAMO-19-164867	GELC
R-50 S2	1185.0	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-761	CAMO-19-165987	GELC
R-50 S2	1185.0	02/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-940	CAMO-19-166464	GELC
R-50 S2	1185.0	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-1131	CAMO-19-167711	GELC
R-50 S2	1185.0	04/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-1441	CAMO-19-174831	GELC
R-50 S2	1185.0	05/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.6	—	—	1.45	mg/L	Y	H	NQ	N3B-2019-2011	CAMO-19-175168	GELC
R-50 S2	1185.0	06/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-2165	CAMO-19-181694	GELC
R-50 S2	1185.0	07/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-2508	CAMO-19-181863	GELC
R-50 S2	1185.0	08/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-3056	CAMO-19-184740	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	11/09/2012	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00749	0.0053	0.0213	—	pCi/L	Y	U	U	2013-306	CAMO-13-24250	GELC
R-50 S2	1185.0	11/13/2014	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0103	0.0077	0.0719	—	pCi/L	Y	U	U	2015-318	CAMO-15-90221	GELC
R-50 S2	1185.0	11/09/2015	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00455	0.00643	0.0307	—	pCi/L	Y	U	U	2016-302	CAMO-16-106111	GELC
R-50 S2	1185.0	11/16/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0219	0.00772	0.0355	—	pCi/L	Y	U	U	2018-945	CAMO-18-148082	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0343	0.00879	0.0407	—	pCi/L	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	09/12/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0188	—	—	0.017	mg/L	Y	J	J	N3B-2018-3900	CAMO-18-160807	GELC
R-50 S2	1185.0	11/01/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0288	—	—	0.017	mg/L	Y	J	U	N3B-2019-358	CAMO-19-163725	GELC
R-50 S2	1185.0	11/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.017	mg/L	Y	U	U	N3B-2019-507	CAMO-19-164001	GELC
R-50 S2	1185.0	12/17/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.017	mg/L	Y	U	U	N3B-2019-672	CAMO-19-164867	GELC
R-50 S2	1185.0	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0541	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-761	CAMO-19-165987	GELC
R-50 S2	1185.0	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0258	—	—	0.017	mg/L	Y	J	J	N3B-2019-1131	CAMO-19-167711	GELC
R-50 S2	1185.0	04/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.113	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-1441	CAMO-19-174831	GELC
R-50 S2	1185.0	05/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0459	—	—	0.017	mg/L	Y	J	J	N3B-2019-2011	CAMO-19-175168	GELC
R-50 S2	1185.0	07/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0465	—	—	0.017	mg/L	Y	J	J	N3B-2019-2508	CAMO-19-181863	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0697	—	—	0.017	mg/L	Y	—	J-	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	09/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.76	—	—	2	µg/L	Y	J	J	N3B-2018-3900	CAMO-18-160807	GELC
R-50 S2	1185.0	11/01/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.97	—	—	2	µg/L	Y	J	J	N3B-2019-358	CAMO-19-163725	GELC
R-50 S2	1185.0	11/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.57	—	—	2	µg/L	Y	J	J	N3B-2019-507	CAMO-19-164001	GELC
R-50 S2	1185.0	12/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.08	—	—	2	µg/L	Y	J	J	N3B-2019-672	CAMO-19-164867	GELC
R-50 S2	1185.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.24	—	—	2	µg/L	Y	J	J	N3B-2019-761	CAMO-19-165987	GELC
R-50 S2	1185.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.5	—	—	2	µg/L	Y	J	J	N3B-2019-940	CAMO-19-166464	GELC
R-50 S2	1185.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	4	—	—	2	µg/L	Y	J	J	N3B-2019-1131	CAMO-19-167711	GELC
R-50 S2	1185.0	04/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.61	—	—	2	µg/L	Y	J	J	N3B-2019-1441	CAMO-19-174831	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-50 S2	1185.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.67	—	—	2	µg/L	Y	J	J	N3B-2019-2011	CAMO-19-175168	GELC
R-50 S2	1185.0	06/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.36	—	—	2	µg/L	Y	J	J	N3B-2019-2165	CAMO-19-181694	GELC
R-50 S2	1185.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.25	—	—	2	µg/L	Y	J	J	N3B-2019-2508	CAMO-19-181863	GELC
R-50 S2	1185.0	08/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.9	—	—	2	µg/L	Y	J	J	N3B-2019-3056	CAMO-19-184740	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.59	—	—	2	µg/L	Y	J	J	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.34	—	—	2	µg/L	Y	J	J	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	09/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	20.8	—	—	1	µg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160807	GELC
R-50 S2	1185.0	11/01/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	24.7	—	—	1	µg/L	Y	—	NQ	N3B-2019-358	CAMO-19-163725	GELC
R-50 S2	1185.0	11/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	25.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-507	CAMO-19-164001	GELC
R-50 S2	1185.0	12/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	25.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-672	CAMO-19-164867	GELC
R-50 S2	1185.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	22.9	—	—	1	µg/L	Y	—	NQ	N3B-2019-761	CAMO-19-165987	GELC
R-50 S2	1185.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	24.5	—	—	1	µg/L	Y	—	NQ	N3B-2019-940	CAMO-19-166464	GELC
R-50 S2	1185.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	23.9	—	—	1	µg/L	Y	—	NQ	N3B-2019-1131	CAMO-19-167711	GELC
R-50 S2	1185.0	04/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	20.5	—	—	1	µg/L	Y	—	NQ	N3B-2019-1441	CAMO-19-174831	GELC
R-50 S2	1185.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	21.3	—	—	1	µg/L	Y	*	NQ	N3B-2019-2011	CAMO-19-175168	GELC
R-50 S2	1185.0	06/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	24.7	—	—	1	µg/L	Y	—	NQ	N3B-2019-2165	CAMO-19-181694	GELC
R-50 S2	1185.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	24.4	—	—	1	µg/L	Y	—	NQ	N3B-2019-2508	CAMO-19-181863	GELC
R-50 S2	1185.0	08/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	26.9	—	—	1	µg/L	Y	—	NQ	N3B-2019-3056	CAMO-19-184740	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	23	—	—	1	µg/L	Y	—	NQ	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	24.8	—	—	1	µg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	12/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2019-672	CAMO-19-164867	GELC
R-50 S2	1185.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2019-761	CAMO-19-165987	GELC
R-50 S2	1185.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2019-940	CAMO-19-166464	GELC
R-50 S2	1185.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2019-1131	CAMO-19-167711	GELC
R-50 S2	1185.0	04/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	15.2	—	—	15	µg/L	Y	J	J	N3B-2019-1441	CAMO-19-174831	GELC
R-50 S2	1185.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	15.4	—	—	15	µg/L	Y	J	J	N3B-2019-2011	CAMO-19-175168	GELC
R-50 S2	1185.0	06/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	15.8	—	—	15	µg/L	Y	J	J	N3B-2019-2165	CAMO-19-181694	GELC
R-50 S2	1185.0	08/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	21.1	—	—	15	µg/L	Y	J	J	N3B-2019-3056	CAMO-19-184740	GELC
R-50 S2	1185.0	11/01/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067	mg/L	Y	U	U	N3B-2019-358	CAMO-19-163725	GELC
R-50 S2	1185.0	11/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067	mg/L	Y	U	U	N3B-2019-507	CAMO-19-164001	GELC
R-50 S2	1185.0	12/17/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0676	—	—	0.067	mg/L	Y	J	J	N3B-2019-672	CAMO-19-164867	GELC
R-50 S2	1185.0	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067	mg/L	Y	U	U	N3B-2019-761	CAMO-19-165987	GELC
R-50 S2	1185.0	02/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0847	—	—	0.067	mg/L	Y	J	J	N3B-2019-940	CAMO-19-166464	GELC
R-50 S2	1185.0	09/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	9.82	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160807	GELC
R-50 S2	1185.0	11/01/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-358	CAMO-19-163725	GELC
R-50 S2	1185.0	11/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-507	CAMO-19-164001	GELC
R-50 S2	1185.0	12/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-672	CAMO-19-164867	GELC
R-50 S2	1185.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.9	—	—	0.05	mg/L	Y	—	J+	N3B-2019-761	CAMO-19-165987	GELC
R-50 S2	1185.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-940	CAMO-19-166464	GELC
R-50 S2	1185.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1131	CAMO-19-167711	GELC
R-50 S2	1185.0	04/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	9.72	—	—	0.05	mg/L	Y	N	NQ	N3B-2019-1441	CAMO-19-174831	GELC
R-50 S2	1185.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175168	GELC
R-50 S2	1185.0	06/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2165	CAMO-19-181694	GELC
R-50 S2	1185.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2508	CAMO-19-181863	GELC
R-50 S2	1185.0	08/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3056	CAMO-19-184740	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	11/09/2012	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.23	1.11	4.33	—	pCi/L	Y	U	U	2013-306	CAMO-13-24250	GELC
R-50 S2	1185.0	11/13/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.242	1.52	4.91	—	pCi/L	Y	U	U	2015-318	CAMO-15-90221	GELC
R-50 S2	1185.0	11/09/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.931	1.3	5.06	—	pCi/L	Y	U	U	2016-302	CAMO-16-106111	GELC
R-50 S2	1185.0	11/16/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.09	1.46	4.64	—	pCi/L	Y	U	U	2018-945	CAMO-18-148082	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.184	1.05	4	—	pCi/L	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	09/12/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.15	—	—	0.067	mg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160807	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-50 S2	1185.0	11/01/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.16	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-358	CAMO-19-163725	GELC
R-50 S2	1185.0	11/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.15	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-507	CAMO-19-164001	GELC
R-50 S2	1185.0	12/17/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.1	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-672	CAMO-19-164867	GELC
R-50 S2	1185.0	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.12	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-761	CAMO-19-165987	GELC
R-50 S2	1185.0	02/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.09	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-940	CAMO-19-166464	GELC
R-50 S2	1185.0	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.25	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-1131	CAMO-19-167711	GELC
R-50 S2	1185.0	04/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.14	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-1441	CAMO-19-174831	GELC
R-50 S2	1185.0	05/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.08	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175168	GELC
R-50 S2	1185.0	06/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.12	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-2165	CAMO-19-181694	GELC
R-50 S2	1185.0	07/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.2	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-2508	CAMO-19-181863	GELC
R-50 S2	1185.0	08/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.19	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-3056	CAMO-19-184740	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.28	—	—	0.067	mg/L	Y	—	J+	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.36	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	09/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.14	—	—	3	µg/L	Y	J	J	N3B-2018-3900	CAMO-18-160807	GELC
R-50 S2	1185.0	11/01/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.26	—	—	3	µg/L	Y	J	J	N3B-2019-358	CAMO-19-163725	GELC
R-50 S2	1185.0	11/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.23	—	—	3	µg/L	Y	J	J	N3B-2019-507	CAMO-19-164001	GELC
R-50 S2	1185.0	12/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.32	—	—	3	µg/L	Y	J	J	N3B-2019-672	CAMO-19-164867	GELC
R-50 S2	1185.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.26	—	—	3	µg/L	Y	J	J	N3B-2019-761	CAMO-19-165987	GELC
R-50 S2	1185.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.46	—	—	3	µg/L	Y	J	J	N3B-2019-940	CAMO-19-166464	GELC
R-50 S2	1185.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.44	—	—	3	µg/L	Y	J	J	N3B-2019-1131	CAMO-19-167711	GELC
R-50 S2	1185.0	04/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.04	—	—	3	µg/L	Y	J	J	N3B-2019-1441	CAMO-19-174831	GELC
R-50 S2	1185.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.96	—	—	3	µg/L	Y	J	J	N3B-2019-2011	CAMO-19-175168	GELC
R-50 S2	1185.0	06/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.43	—	—	3	µg/L	Y	J	J	N3B-2019-2165	CAMO-19-181694	GELC
R-50 S2	1185.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.24	—	—	3	µg/L	Y	J	J	N3B-2019-2508	CAMO-19-181863	GELC
R-50 S2	1185.0	08/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.23	—	—	3	µg/L	Y	J	J	N3B-2019-3056	CAMO-19-184740	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	4.01	—	—	3	µg/L	Y	J	J	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	4.29	—	—	3	µg/L	Y	J	J	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	11/09/2012	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-2.77	1.42	4.48	—	pCi/L	Y	U	U	2013-306	CAMO-13-24250	GELC
R-50 S2	1185.0	11/13/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.176	1.58	5.06	—	pCi/L	Y	U	U	2015-318	CAMO-15-90221	GELC
R-50 S2	1185.0	11/09/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.573	1.35	4.99	—	pCi/L	Y	U	U	2016-302	CAMO-16-106111	GELC
R-50 S2	1185.0	11/16/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.76	1.5	5.18	—	pCi/L	Y	U	U	2018-945	CAMO-18-148082	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.79	0.801	2.24	—	pCi/L	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3	—	—	3	µg/L	Y	U	U	N3B-2019-2508	CAMO-19-181863	GELC
R-50 S2	1185.0	08/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3	—	—	3	µg/L	Y	U	U	N3B-2019-3056	CAMO-19-184740	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Copper	Cu	N	0.3	—	—	0.3	µg/L	Y	U	U	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	10/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3	—	—	3	µg/L	Y	U	U	N3B-2020-95	CAMO-20-188163	GELC
R-50 S2	1185.0	10/10/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Copper	Cu	N	3	—	—	3	µg/L	Y	U	U	N3B-2020-95	CAMO-20-188167	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	Y	4.8	—	—	3	µg/L	Y	J	J	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	09/12/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.43	—	—	0.033	mg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160807	GELC
R-50 S2	1185.0	11/01/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.366	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-358	CAMO-19-163725	GELC
R-50 S2	1185.0	11/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.338	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-507	CAMO-19-164001	GELC
R-50 S2	1185.0	12/17/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.332	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-672	CAMO-19-164867	GELC
R-50 S2	1185.0	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.357	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-761	CAMO-19-165987	GELC
R-50 S2	1185.0	02/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.413	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-940	CAMO-19-166464	GELC
R-50 S2	1185.0	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.39	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-1131	CAMO-19-167711	GELC
R-50 S2	1185.0	04/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.371	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-1441	CAMO-19-174831	GELC
R-50 S2	1185.0	05/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.445	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175168	GELC
R-50 S2	1185.0	06/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.605	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2165	CAMO-19-181694	GELC
R-50 S2	1185.0	07/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.665	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2508	CAMO-19-181863	GELC
R-50 S2	1185.0	08/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.655	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-3056	CAMO-19-184740	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.551	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.561	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	11/09/2012	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.0227	0.473	2.32	—	pCi/L	Y	U	U	2013-306	CAMO-13-24250	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-50 S2	1185.0	11/13/2014	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.481	0.321	1.06	—	pCi/L	Y	U	U	2015-318	CAMO-15-90221	GELC
R-50 S2	1185.0	11/09/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	4.28	1.14	2.98	—	pCi/L	Y	—	NQ	2016-302	CAMO-16-106111	GELC
R-50 S2	1185.0	11/16/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.72	0.934	2.96	—	pCi/L	Y	U	U	2018-945	CAMO-18-148082	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.0389	0.721	2.99	—	pCi/L	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/09/2012	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.933	0.707	2.39	—	pCi/L	Y	U	U	2013-306	CAMO-13-24250	GELC
R-50 S2	1185.0	11/13/2014	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.3	0.416	1.21	—	pCi/L	Y	—	NQ	2015-318	CAMO-15-90221	GELC
R-50 S2	1185.0	11/09/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.11	0.37	0.999	—	pCi/L	Y	—	NQ	2016-302	CAMO-16-106111	GELC
R-50 S2	1185.0	11/16/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.166	0.8	2.9	—	pCi/L	Y	U	U	2018-945	CAMO-18-148082	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.835	0.587	1.94	—	pCi/L	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	09/12/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	38.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160807	GELC
R-50 S2	1185.0	11/01/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	43.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-358	CAMO-19-163725	GELC
R-50 S2	1185.0	11/19/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	46.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-507	CAMO-19-164001	GELC
R-50 S2	1185.0	12/17/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	46.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-672	CAMO-19-164867	GELC
R-50 S2	1185.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	44.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-761	CAMO-19-165987	GELC
R-50 S2	1185.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	44.5	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-940	CAMO-19-166464	GELC
R-50 S2	1185.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	44	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-1131	CAMO-19-167711	GELC
R-50 S2	1185.0	04/22/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	39.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-1441	CAMO-19-174831	GELC
R-50 S2	1185.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	41.9	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175168	GELC
R-50 S2	1185.0	06/11/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	44.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2165	CAMO-19-181694	GELC
R-50 S2	1185.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	44	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2508	CAMO-19-181863	GELC
R-50 S2	1185.0	08/20/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	44.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-3056	CAMO-19-184740	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	42.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	45.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	09/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.32	—	—	0.11	mg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160807	GELC
R-50 S2	1185.0	11/01/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.85	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-358	CAMO-19-163725	GELC
R-50 S2	1185.0	11/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.39	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-507	CAMO-19-164001	GELC
R-50 S2	1185.0	12/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.08	—	—	0.11	mg/L	Y	E	NQ	N3B-2019-672	CAMO-19-164867	GELC
R-50 S2	1185.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.17	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-761	CAMO-19-165987	GELC
R-50 S2	1185.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.02	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-940	CAMO-19-166464	GELC
R-50 S2	1185.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.82	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-1131	CAMO-19-167711	GELC
R-50 S2	1185.0	04/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.61	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-1441	CAMO-19-174831	GELC
R-50 S2	1185.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.98	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175168	GELC
R-50 S2	1185.0	06/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-2165	CAMO-19-181694	GELC
R-50 S2	1185.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.73	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-2508	CAMO-19-181863	GELC
R-50 S2	1185.0	08/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.13	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-3056	CAMO-19-184740	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.81	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.98	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	05/14/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2019-2011	CAMO-19-175168	GELC
R-50 S2	1185.0	05/14/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2019-2011	CAMO-19-175169	GELC
R-50 S2	1185.0	06/11/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2019-2165	CAMO-19-181694	GELC
R-50 S2	1185.0	06/11/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2019-2165	CAMO-19-181695	GELC
R-50 S2	1185.0	07/12/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2019-2508	CAMO-19-181863	GELC
R-50 S2	1185.0	07/12/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2019-2508	CAMO-19-181864	GELC
R-50 S2	1185.0	08/20/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2019-3056	CAMO-19-184740	GELC
R-50 S2	1185.0	08/20/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2019-3056	CAMO-19-184741	GELC
R-50 S2	1185.0	09/19/2019	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	Y	0.216	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-3420	CAMO-19-186539	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	Y	0.233	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	09/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.1	—	—	0.2	µg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160807	GELC
R-50 S2	1185.0	11/01/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.05	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-358	CAMO-19-163725	GELC
R-50 S2	1185.0	11/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.96	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-507	CAMO-19-164001	GELC
R-50 S2	1185.0	12/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.08	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-672	CAMO-19-164867	GELC
R-50 S2	1185.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-761	CAMO-19-165987	GELC
R-50 S2	1185.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.01	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-940	CAMO-19-166464	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-50 S2	1185.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.04	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-1131	CAMO-19-167711	GELC
R-50 S2	1185.0	04/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.998	—	—	0.2	µg/L	Y	J	J	N3B-2019-1441	CAMO-19-174831	GELC
R-50 S2	1185.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.876	—	—	0.2	µg/L	Y	J	J	N3B-2019-2011	CAMO-19-175168	GELC
R-50 S2	1185.0	06/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.04	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-2165	CAMO-19-181694	GELC
R-50 S2	1185.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.01	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-2508	CAMO-19-181863	GELC
R-50 S2	1185.0	08/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.01	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-3056	CAMO-19-184740	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.03	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	0.991	—	—	0.2	µg/L	Y	J	J	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	11/09/2012	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.02	2.66	9.55	—	pCi/L	Y	U	U	2013-306	CAMO-13-24250	GELC
R-50 S2	1185.0	11/13/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.714	2.48	8.59	—	pCi/L	Y	U	U	2015-318	CAMO-15-90221	GELC
R-50 S2	1185.0	11/09/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.137	2.78	9.96	—	pCi/L	Y	U	U	2016-302	CAMO-16-106111	GELC
R-50 S2	1185.0	11/16/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.15	2.14	8.03	—	pCi/L	Y	U	U	2018-945	CAMO-18-148082	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.592	1.85	7.12	—	pCi/L	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	09/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.911	—	—	0.6	µg/L	Y	J	J	N3B-2018-3900	CAMO-18-160807	GELC
R-50 S2	1185.0	11/01/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.03	—	—	0.6	µg/L	Y	J	J	N3B-2019-358	CAMO-19-163725	GELC
R-50 S2	1185.0	11/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.22	—	—	0.6	µg/L	Y	J	J	N3B-2019-507	CAMO-19-164001	GELC
R-50 S2	1185.0	12/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.63	—	—	0.6	µg/L	Y	J	J	N3B-2019-672	CAMO-19-164867	GELC
R-50 S2	1185.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.07	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-761	CAMO-19-165987	GELC
R-50 S2	1185.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.94	—	—	0.6	µg/L	Y	J	J	N3B-2019-940	CAMO-19-166464	GELC
R-50 S2	1185.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.63	—	—	0.6	µg/L	Y	J	J	N3B-2019-1131	CAMO-19-167711	GELC
R-50 S2	1185.0	04/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.42	—	—	0.6	µg/L	Y	J	J	N3B-2019-1441	CAMO-19-174831	GELC
R-50 S2	1185.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.33	—	—	0.6	µg/L	Y	J	J	N3B-2019-2011	CAMO-19-175168	GELC
R-50 S2	1185.0	06/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.58	—	—	0.6	µg/L	Y	J	J	N3B-2019-2165	CAMO-19-181694	GELC
R-50 S2	1185.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.44	—	—	0.6	µg/L	Y	J	J	N3B-2019-2508	CAMO-19-181863	GELC
R-50 S2	1185.0	08/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.22	—	—	0.6	µg/L	Y	J	J	N3B-2019-3056	CAMO-19-184740	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	1.31	—	—	0.6	µg/L	Y	J	J	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	4.16	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	09/12/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.494	—	—	0.017	mg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160807	GELC
R-50 S2	1185.0	11/01/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.595	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-358	CAMO-19-163725	GELC
R-50 S2	1185.0	11/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.541	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-507	CAMO-19-164001	GELC
R-50 S2	1185.0	12/17/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.525	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-672	CAMO-19-164867	GELC
R-50 S2	1185.0	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.516	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-761	CAMO-19-165987	GELC
R-50 S2	1185.0	02/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.539	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-940	CAMO-19-166464	GELC
R-50 S2	1185.0	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.554	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-1131	CAMO-19-167711	GELC
R-50 S2	1185.0	04/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.572	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-1441	CAMO-19-174831	GELC
R-50 S2	1185.0	05/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.548	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175168	GELC
R-50 S2	1185.0	06/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.532	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-2165	CAMO-19-181694	GELC
R-50 S2	1185.0	07/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.525	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-2508	CAMO-19-181863	GELC
R-50 S2	1185.0	08/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.5	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-3056	CAMO-19-184740	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.525	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.524	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	09/12/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.335	—	—	0.05	µg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160807	GELC
R-50 S2	1185.0	11/01/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.353	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-358	CAMO-19-163725	GELC
R-50 S2	1185.0	11/19/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.39	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-507	CAMO-19-164001	GELC
R-50 S2	1185.0	12/17/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.396	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-672	CAMO-19-164867	GELC
R-50 S2	1185.0	01/15/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.367	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-761	CAMO-19-165987	GELC
R-50 S2	1185.0	02/20/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.321	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-940	CAMO-19-166464	GELC
R-50 S2	1185.0	03/14/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.317	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-1131	CAMO-19-167711	GELC
R-50 S2	1185.0	04/22/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.347	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-1441	CAMO-19-174831	GELC
R-50 S2	1185.0	05/14/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.342	—	—	0.05	µg/L	Y	H	NQ	N3B-2019-2011	CAMO-19-175168	GELC
R-50 S2	1185.0	06/11/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.334	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-2165	CAMO-19-181694	GELC
R-50 S2	1185.0	07/12/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.338	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-2508	CAMO-19-181863	GELC
R-50 S2	1185.0	08/20/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.354	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-3056	CAMO-19-184740	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.345	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.348	—	—	0.05	µg/L	Y	—	J	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	11/09/2012	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00229	0.00605	0.022	—	pCi/L	Y	U	U	2013-306	CAMO-13-24250	GELC
R-50 S2	1185.0	11/13/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.0093	0.0623	—	pCi/L	Y	U	U	2015-318	CAMO-15-90221	GELC
R-50 S2	1185.0	11/09/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00465	0.00583	0.0215	—	pCi/L	Y	U	U	2016-302	CAMO-16-106111	GELC
R-50 S2	1185.0	11/16/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00885	0.00626	0.0326	—	pCi/L	Y	U	U	2018-945	CAMO-18-148082	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00917	0.00683	0.0595	—	pCi/L	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/09/2012	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00458	0.00647	0.0365	—	pCi/L	Y	U	U	2013-306	CAMO-13-24250	GELC
R-50 S2	1185.0	11/13/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00465	0.00805	0.0919	—	pCi/L	Y	U	U	2015-318	CAMO-15-90221	GELC
R-50 S2	1185.0	11/09/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00336	0.0109	0.0421	—	pCi/L	Y	U	U	2016-302	CAMO-16-106111	GELC
R-50 S2	1185.0	11/16/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00664	0.00734	0.0467	—	pCi/L	Y	U	U	2018-945	CAMO-18-148082	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0153	0.0101	0.0476	—	pCi/L	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	09/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.15	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160807	GELC
R-50 S2	1185.0	11/01/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.38	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-358	CAMO-19-163725	GELC
R-50 S2	1185.0	11/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.38	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-507	CAMO-19-164001	GELC
R-50 S2	1185.0	12/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-672	CAMO-19-164867	GELC
R-50 S2	1185.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.31	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-761	CAMO-19-165987	GELC
R-50 S2	1185.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.46	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-940	CAMO-19-166464	GELC
R-50 S2	1185.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.22	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1131	CAMO-19-167711	GELC
R-50 S2	1185.0	04/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.14	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1441	CAMO-19-174831	GELC
R-50 S2	1185.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.22	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175168	GELC
R-50 S2	1185.0	06/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.35	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2165	CAMO-19-181694	GELC
R-50 S2	1185.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2508	CAMO-19-181863	GELC
R-50 S2	1185.0	08/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3056	CAMO-19-184740	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.42	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.64	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	11/09/2012	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-9.62	14.8	56.5	—	pCi/L	Y	U	U	2013-306	CAMO-13-24250	GELC
R-50 S2	1185.0	11/13/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	0.223	18.5	50	—	pCi/L	Y	U	U	2015-318	CAMO-15-90221	GELC
R-50 S2	1185.0	11/09/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	11.2	20.7	80.3	—	pCi/L	Y	U	U	2016-302	CAMO-16-106111	GELC
R-50 S2	1185.0	11/16/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	22.2	18.4	76.8	—	pCi/L	Y	U	U	2018-945	CAMO-18-148082	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-3.88	16.7	63.9	—	pCi/L	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.428	0.182	0.527	—	pCi/L	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.596	0.234	—	—	pCi/L	Y	—	NQ	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.168	0.148	0.51	—	pCi/L	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	09/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160807	GELC
R-50 S2	1185.0	11/01/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-358	CAMO-19-163725	GELC
R-50 S2	1185.0	11/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	76.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-507	CAMO-19-164001	GELC
R-50 S2	1185.0	12/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	80.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-672	CAMO-19-164867	GELC
R-50 S2	1185.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	72.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-761	CAMO-19-165987	GELC
R-50 S2	1185.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	77.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-940	CAMO-19-166464	GELC
R-50 S2	1185.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-1131	CAMO-19-167711	GELC
R-50 S2	1185.0	04/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	64.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-1441	CAMO-19-174831	GELC
R-50 S2	1185.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175168	GELC
R-50 S2	1185.0	06/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	80.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-2165	CAMO-19-181694	GELC
R-50 S2	1185.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	76.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-2508	CAMO-19-181863	GELC
R-50 S2	1185.0	08/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	76.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-3056	CAMO-19-184740	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	76	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	09/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.15	—	—	0.1	mg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160807	GELC
R-50 S2	1185.0	11/01/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.8	—	—	0.1	mg/L	Y	E	J+	N3B-2019-358	CAMO-19-163725	GELC
R-50 S2	1185.0	11/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.6	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-507	CAMO-19-164001	GELC
R-50 S2	1185.0	12/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.9	—	—	0.1	mg/L	Y	E	NQ	N3B-2019-672	CAMO-19-164867	GELC
R-50 S2	1185.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-761	CAMO-19-165987	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-50 S2	1185.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.8	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-940	CAMO-19-166464	GELC
R-50 S2	1185.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-1131	CAMO-19-167711	GELC
R-50 S2	1185.0	04/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.32	—	—	0.1	mg/L	Y	N	NQ	N3B-2019-1441	CAMO-19-174831	GELC
R-50 S2	1185.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.87	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175168	GELC
R-50 S2	1185.0	06/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.5	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-2165	CAMO-19-181694	GELC
R-50 S2	1185.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-2508	CAMO-19-181863	GELC
R-50 S2	1185.0	08/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.9	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-3056	CAMO-19-184740	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.7	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	11/09/2012	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.08	1.46	5.99	—	pCi/L	Y	U	U	2013-306	CAMO-13-24250	GELC
R-50 S2	1185.0	11/13/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.37	1.3	4.54	—	pCi/L	Y	U	U	2015-318	CAMO-15-90221	GELC
R-50 S2	1185.0	11/09/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.59	1.3	4.03	—	pCi/L	Y	U	U	2016-302	CAMO-16-106111	GELC
R-50 S2	1185.0	11/16/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.908	1.22	5.22	—	pCi/L	Y	U	U	2018-945	CAMO-18-148082	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.973	1.12	5.24	—	pCi/L	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	09/12/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	137	—	—	1	µS/cm	Y	—	NQ	N3B-2018-3900	CAMO-18-160807	GELC
R-50 S2	1185.0	11/01/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	138	—	—	1	µS/cm	Y	—	NQ	N3B-2019-358	CAMO-19-163725	GELC
R-50 S2	1185.0	11/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	136	—	—	1	µS/cm	Y	—	NQ	N3B-2019-507	CAMO-19-164001	GELC
R-50 S2	1185.0	12/17/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	136	—	—	1	µS/cm	Y	—	NQ	N3B-2019-672	CAMO-19-164867	GELC
R-50 S2	1185.0	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	150	—	—	1	µS/cm	Y	—	NQ	N3B-2019-761	CAMO-19-165987	GELC
R-50 S2	1185.0	02/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	135	—	—	1	µS/cm	Y	—	NQ	N3B-2019-940	CAMO-19-166464	GELC
R-50 S2	1185.0	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	139	—	—	1	µS/cm	Y	—	NQ	N3B-2019-1131	CAMO-19-167711	GELC
R-50 S2	1185.0	04/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	134	—	—	1	µS/cm	Y	—	NQ	N3B-2019-1441	CAMO-19-174831	GELC
R-50 S2	1185.0	05/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	149	—	—	1	µS/cm	Y	—	NQ	N3B-2019-2011	CAMO-19-175168	GELC
R-50 S2	1185.0	06/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	134	—	—	1	µS/cm	Y	—	NQ	N3B-2019-2165	CAMO-19-181694	GELC
R-50 S2	1185.0	07/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	138	—	—	1	µS/cm	Y	—	NQ	N3B-2019-2508	CAMO-19-181863	GELC
R-50 S2	1185.0	08/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	117	—	—	1	µS/cm	Y	—	NQ	N3B-2019-3056	CAMO-19-184740	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	117	—	—	1	µS/cm	Y	—	NQ	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	118	—	—	1	µS/cm	Y	—	NQ	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	09/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	41.4	—	—	1	µg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160807	GELC
R-50 S2	1185.0	11/01/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	46.9	—	—	1	µg/L	Y	—	NQ	N3B-2019-358	CAMO-19-163725	GELC
R-50 S2	1185.0	11/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	49.6	—	—	1	µg/L	Y	—	NQ	N3B-2019-507	CAMO-19-164001	GELC
R-50 S2	1185.0	12/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	50.4	—	—	1	µg/L	Y	—	NQ	N3B-2019-672	CAMO-19-164867	GELC
R-50 S2	1185.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	46.5	—	—	1	µg/L	Y	—	NQ	N3B-2019-761	CAMO-19-165987	GELC
R-50 S2	1185.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	49.7	—	—	1	µg/L	Y	—	NQ	N3B-2019-940	CAMO-19-166464	GELC
R-50 S2	1185.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	48.6	—	—	1	µg/L	Y	—	NQ	N3B-2019-1131	CAMO-19-167711	GELC
R-50 S2	1185.0	04/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	42	—	—	1	µg/L	Y	—	NQ	N3B-2019-1441	CAMO-19-174831	GELC
R-50 S2	1185.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	46	—	—	1	µg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175168	GELC
R-50 S2	1185.0	06/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	49.5	—	—	1	µg/L	Y	—	NQ	N3B-2019-2165	CAMO-19-181694	GELC
R-50 S2	1185.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	49.4	—	—	1	µg/L	Y	—	NQ	N3B-2019-2508	CAMO-19-181863	GELC
R-50 S2	1185.0	08/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	51.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-3056	CAMO-19-184740	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	47.6	—	—	1	µg/L	Y	—	NQ	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	50.9	—	—	1	µg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	11/09/2012	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.431	0.156	0.485	—	pCi/L	Y	U	U	2013-306	CAMO-13-24250	GELC
R-50 S2	1185.0	11/13/2014	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0197	0.114	0.448	—	pCi/L	Y	U	U	2015-318	CAMO-15-90221	GELC
R-50 S2	1185.0	11/09/2015	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0783	0.138	0.497	—	pCi/L	Y	U	U	2016-302	CAMO-16-106111	GELC
R-50 S2	1185.0	11/16/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.268	0.0947	0.44	—	pCi/L	Y	U	U	2018-945	CAMO-18-148082	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0421	0.14	0.487	—	pCi/L	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	09/12/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.64	—	—	0.133	mg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160807	GELC
R-50 S2	1185.0	11/01/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.67	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-358	CAMO-19-163725	GELC
R-50 S2	1185.0	11/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.61	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-507	CAMO-19-164001	GELC
R-50 S2	1185.0	12/17/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.55	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-672	CAMO-19-164867	GELC
R-50 S2	1185.0	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.56	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-761	CAMO-19-165987	GELC
R-50 S2	1185.0	02/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.53	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-940	CAMO-19-166464	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-50 S2	1185.0	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.67	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-1131	CAMO-19-167711	GELC
R-50 S2	1185.0	04/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.64	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-1441	CAMO-19-174831	GELC
R-50 S2	1185.0	05/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.45	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175168	GELC
R-50 S2	1185.0	06/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.49	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-2165	CAMO-19-181694	GELC
R-50 S2	1185.0	07/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.55	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-2508	CAMO-19-181863	GELC
R-50 S2	1185.0	08/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.55	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-3056	CAMO-19-184740	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.58	—	—	0.133	mg/L	Y	—	J+	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.73	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	09/12/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2018-3900	CAMO-18-160807	GELC
R-50 S2	1185.0	09/12/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2018-3900	CAMO-18-160808	GELC
R-50 S2	1185.0	11/01/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-358	CAMO-19-163725	GELC
R-50 S2	1185.0	11/01/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-358	CAMO-19-163726	GELC
R-50 S2	1185.0	11/19/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-507	CAMO-19-164001	GELC
R-50 S2	1185.0	11/19/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-507	CAMO-19-164002	GELC
R-50 S2	1185.0	12/17/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-672	CAMO-19-164867	GELC
R-50 S2	1185.0	12/17/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-672	CAMO-19-164868	GELC
R-50 S2	1185.0	01/08/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-761	CAMO-19-165988	GELC
R-50 S2	1185.0	01/15/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-761	CAMO-19-165987	GELC
R-50 S2	1185.0	02/20/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-940	CAMO-19-166464	GELC
R-50 S2	1185.0	02/20/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-940	CAMO-19-166465	GELC
R-50 S2	1185.0	03/14/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-1131	CAMO-19-167711	GELC
R-50 S2	1185.0	03/14/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-1131	CAMO-19-167712	GELC
R-50 S2	1185.0	04/22/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-1441	CAMO-19-174830	GELC
R-50 S2	1185.0	04/22/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-1441	CAMO-19-174831	GELC
R-50 S2	1185.0	05/14/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-1916	CAMO-19-175169	GELC
R-50 S2	1185.0	05/14/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-2011	CAMO-19-175168	GELC
R-50 S2	1185.0	06/11/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-2165	CAMO-19-181694	GELC
R-50 S2	1185.0	06/11/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-2165	CAMO-19-181695	GELC
R-50 S2	1185.0	07/12/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-2508	CAMO-19-181863	GELC
R-50 S2	1185.0	07/12/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-2508	CAMO-19-181864	GELC
R-50 S2	1185.0	08/20/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2019-3056	CAMO-19-184740	GELC
R-50 S2	1185.0	08/20/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2019-3056	CAMO-19-184741	GELC
R-50 S2	1185.0	09/19/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-3420	CAMO-19-186539	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/01/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2019-358	CAMO-19-163725	GELC
R-50 S2	1185.0	11/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	2.69	—	—	2.5	µg/L	Y	J	J	N3B-2019-507	CAMO-19-164001	GELC
R-50 S2	1185.0	12/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2019-672	CAMO-19-164867	GELC
R-50 S2	1185.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	4.8	—	—	2.5	µg/L	Y	J	U	N3B-2019-761	CAMO-19-165987	GELC
R-50 S2	1185.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	3.5	—	—	2.5	µg/L	Y	J	J	N3B-2019-940	CAMO-19-166464	GELC
R-50 S2	1185.0	04/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	3.63	—	—	2.5	µg/L	Y	J	J	N3B-2019-1441	CAMO-19-174831	GELC
R-50 S2	1185.0	06/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	17.3	—	—	2.5	µg/L	Y	—	J+	N3B-2019-2165	CAMO-19-181694	GELC
R-50 S2	1185.0	09/12/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	120	—	—	3.4	mg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160807	GELC
R-50 S2	1185.0	11/01/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	136	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-358	CAMO-19-163725	GELC
R-50 S2	1185.0	11/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	80	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-507	CAMO-19-164001	GELC
R-50 S2	1185.0	12/17/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	121	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-672	CAMO-19-164867	GELC
R-50 S2	1185.0	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	183	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-761	CAMO-19-165987	GELC
R-50 S2	1185.0	02/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	246	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-940	CAMO-19-166464	GELC
R-50 S2	1185.0	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	123	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-1131	CAMO-19-167711	GELC
R-50 S2	1185.0	04/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	98.6	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-1441	CAMO-19-174831	GELC
R-50 S2	1185.0	05/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	216	—	—	3.4	mg/L	Y	H	NQ	N3B-2019-2011	CAMO-19-175168	GELC
R-50 S2	1185.0	06/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	184	—	—	3.4	mg/L	Y	—	J+	N3B-2019-2165	CAMO-19-181694	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-50 S2	1185.0	07/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	126	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-2508	CAMO-19-181863	GELC
R-50 S2	1185.0	08/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	149	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-3056	CAMO-19-184740	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	119	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	173	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	11/19/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2019-507	CAMO-19-164002	GELC
R-50 S2	1185.0	12/17/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0443	—	—	0.033	mg/L	Y	J	U	N3B-2019-672	CAMO-19-164868	GELC
R-50 S2	1185.0	01/08/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2019-761	CAMO-19-165988	GELC
R-50 S2	1185.0	02/20/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.185	—	—	0.033	mg/L	Y	—	U	N3B-2019-940	CAMO-19-166465	GELC
R-50 S2	1185.0	03/14/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0436	—	—	0.033	mg/L	Y	J	J	N3B-2019-1131	CAMO-19-167712	GELC
R-50 S2	1185.0	12/17/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0379	—	—	0.02	mg/L	Y	J	U	N3B-2019-672	CAMO-19-164867	GELC
R-50 S2	1185.0	01/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0386	—	—	0.02	mg/L	Y	J	U	N3B-2019-761	CAMO-19-165987	GELC
R-50 S2	1185.0	02/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0267	—	—	0.02	mg/L	Y	J	U	N3B-2019-940	CAMO-19-166464	GELC
R-50 S2	1185.0	03/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0356	—	—	0.02	mg/L	Y	J	U	N3B-2019-1131	CAMO-19-167711	GELC
R-50 S2	1185.0	04/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0208	—	—	0.02	mg/L	Y	J	J	N3B-2019-1441	CAMO-19-174831	GELC
R-50 S2	1185.0	05/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0298	—	—	0.02	mg/L	Y	J	J	N3B-2019-2011	CAMO-19-175168	GELC
R-50 S2	1185.0	07/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.071	—	—	0.02	mg/L	Y	—	NQ	N3B-2019-2508	CAMO-19-181863	GELC
R-50 S2	1185.0	08/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0961	—	—	0.02	mg/L	Y	—	NQ	N3B-2019-3056	CAMO-19-184740	GELC
R-50 S2	1185.0	07/28/2017	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-1.454	0.811	2.747	—	pCi/L	Y	U	U	2017-2313	CAMO-17-142313	ARSL
R-50 S2	1185.0	11/16/2017	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.365	0.85	2.853	—	pCi/L	Y	U	U	2018-1067	CAMO-18-148082	ARSL
R-50 S2	1185.0	05/15/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.191	1.081	3.69	—	pCi/L	Y	U	U	2018-2570	CAMO-18-154833	ARSL
R-50 S2	1185.0	11/19/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.445	0.853	2.709	—	pCi/L	Y	U	U	N3B-2019-516	CAMO-19-164002	ARSL
R-50 S2	1185.0	01/08/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.033	0.922	3.016	—	pCi/L	Y	U	U	N3B-2019-773	CAMO-19-165988	ARSL
R-50 S2	1185.0	05/14/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.011	0.872	2.953	—	pCi/L	Y	U	U	N3B-2019-1983	CAMO-19-175169	ARSL
R-50 S2	1185.0	09/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.554	—	—	0.067	µg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160807	GELC
R-50 S2	1185.0	11/01/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.574	—	—	0.067	µg/L	Y	—	J+	N3B-2019-358	CAMO-19-163725	GELC
R-50 S2	1185.0	11/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.492	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-507	CAMO-19-164001	GELC
R-50 S2	1185.0	12/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.51	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-672	CAMO-19-164867	GELC
R-50 S2	1185.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.525	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-761	CAMO-19-165987	GELC
R-50 S2	1185.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.543	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-940	CAMO-19-166464	GELC
R-50 S2	1185.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.509	—	—	0.067	µg/L	Y	—	J+	N3B-2019-1131	CAMO-19-167711	GELC
R-50 S2	1185.0	04/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.526	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-1441	CAMO-19-174831	GELC
R-50 S2	1185.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.463	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175168	GELC
R-50 S2	1185.0	06/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.503	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-2165	CAMO-19-181694	GELC
R-50 S2	1185.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.469	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-2508	CAMO-19-181863	GELC
R-50 S2	1185.0	08/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.537	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-3056	CAMO-19-184740	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.594	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.529	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	11/09/2012	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.328	0.031	0.0614	—	pCi/L	Y	—	NQ	2013-306	CAMO-13-24250	GELC
R-50 S2	1185.0	11/13/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.385	0.035	0.0562	—	pCi/L	Y	—	NQ	2015-318	CAMO-15-90221	GELC
R-50 S2	1185.0	11/09/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.407	0.0359	0.0929	—	pCi/L	Y	—	NQ	2016-302	CAMO-16-106111	GELC
R-50 S2	1185.0	11/16/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.518	0.0488	0.192	—	pCi/L	Y	—	NQ	2018-945	CAMO-18-148082	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.368	0.0443	0.0967	—	pCi/L	Y	—	NQ	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/09/2012	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0294	0.0109	0.0383	—	pCi/L	Y	U	U	2013-306	CAMO-13-24250	GELC
R-50 S2	1185.0	11/13/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0238	0.014	0.049	—	pCi/L	Y	U	U	2015-318	CAMO-15-90221	GELC
R-50 S2	1185.0	11/09/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0211	0.0122	0.0811	—	pCi/L	Y	U	U	2016-302	CAMO-16-106111	GELC
R-50 S2	1185.0	11/16/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0708	0.0216	0.0843	—	pCi/L	Y	U	U	2018-945	CAMO-18-148082	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00305	0.00976	0.0698	—	pCi/L	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/09/2012	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.188	0.0238	0.0417	—	pCi/L	Y	—	NQ	2013-306	CAMO-13-24250	GELC
R-50 S2	1185.0	11/13/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.143	0.0213	0.0539	—	pCi/L	Y	—	NQ	2015-318	CAMO-15-90221	GELC
R-50 S2	1185.0	11/09/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.191	0.0246	0.0918	—	pCi/L	Y	—	NQ	2016-302	CAMO-16-106111	GELC
R-50 S2	1185.0	11/16/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.172	0.031	0.113	—	pCi/L	Y	—	NQ	2018-945	CAMO-18-148082	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.204	0.0324	0.113	—	pCi/L	Y	—	NQ	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	09/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.98	—	—	1	µg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160807	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-50 S2	1185.0	11/01/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	8	—	—	1	µg/L	Y	—	NQ	N3B-2019-358	CAMO-19-163725	GELC
R-50 S2	1185.0	11/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.12	—	—	1	µg/L	Y	—	NQ	N3B-2019-507	CAMO-19-164001	GELC
R-50 S2	1185.0	12/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.12	—	—	1	µg/L	Y	—	NQ	N3B-2019-672	CAMO-19-164867	GELC
R-50 S2	1185.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.75	—	—	1	µg/L	Y	—	NQ	N3B-2019-761	CAMO-19-165987	GELC
R-50 S2	1185.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	8.46	—	—	1	µg/L	Y	—	NQ	N3B-2019-940	CAMO-19-166464	GELC
R-50 S2	1185.0	03/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.7	—	—	1	µg/L	Y	—	NQ	N3B-2019-1131	CAMO-19-167711	GELC
R-50 S2	1185.0	04/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.18	—	—	1	µg/L	Y	—	NQ	N3B-2019-1441	CAMO-19-174831	GELC
R-50 S2	1185.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.46	—	—	1	µg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175168	GELC
R-50 S2	1185.0	06/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.04	—	—	1	µg/L	Y	—	NQ	N3B-2019-2165	CAMO-19-181694	GELC
R-50 S2	1185.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.15	—	—	1	µg/L	Y	—	NQ	N3B-2019-2508	CAMO-19-181863	GELC
R-50 S2	1185.0	08/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.65	—	—	1	µg/L	Y	—	NQ	N3B-2019-3056	CAMO-19-184740	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Vanadium	V	Y	13.4	—	—	3.3	µg/L	Y	J	J	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.21	—	—	1	µg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	11/01/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	3.8	—	—	3.3	µg/L	Y	J	J	N3B-2019-358	CAMO-19-163725	GELC
R-50 S2	1185.0	11/19/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2019-507	CAMO-19-164001	GELC
R-50 S2	1185.0	12/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	5.48	—	—	3.3	µg/L	Y	J	J	N3B-2019-672	CAMO-19-164867	GELC
R-50 S2	1185.0	01/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.57	—	—	3.3	µg/L	Y	J	U	N3B-2019-761	CAMO-19-165987	GELC
R-50 S2	1185.0	02/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	4.33	—	—	3.3	µg/L	Y	J	J	N3B-2019-940	CAMO-19-166464	GELC
R-50 S2	1185.0	06/11/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	7.27	—	—	3.3	µg/L	Y	J	J	N3B-2019-2165	CAMO-19-181694	GELC
R-50 S2	1185.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	8.55	—	—	3.3	µg/L	Y	J	J	N3B-2019-2508	CAMO-19-181863	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Zinc	Zn	Y	6.32	—	—	3.3	µg/L	Y	J	J	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	4.9	—	—	3.3	µg/L	Y	J	J	N3B-2020-388	CAMO-20-189177	GELC
R-61 S1	1125.0	09/14/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.6	—	—	0.01	SU	Y	H	NQ	N3B-2018-3897	CAMO-18-160810	GELC
R-61 S1	1125.0	10/30/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.59	—	—	0.01	SU	Y	H	NQ	N3B-2019-307	CAMO-19-163728	GELC
R-61 S1	1125.0	11/20/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.55	—	—	0.01	SU	Y	H	NQ	N3B-2019-526	CAMO-19-164004	GELC
R-61 S1	1125.0	12/17/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.59	—	—	0.01	SU	Y	H	NQ	N3B-2019-672	CAMO-19-164870	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.6	—	—	0.01	SU	Y	H	NQ	N3B-2019-733	CAMO-19-165990	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.53	—	—	0.01	SU	Y	H	NQ	N3B-2019-733	CAMO-19-165992	GELC
R-61 S1	1125.0	02/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.6	—	—	0.01	SU	Y	H	NQ	N3B-2019-947	CAMO-19-166467	GELC
R-61 S1	1125.0	03/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.62	—	—	0.01	SU	Y	H	NQ	N3B-2019-1235	CAMO-19-167714	GELC
R-61 S1	1125.0	04/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.72	—	—	0.01	SU	Y	H	NQ	N3B-2019-1436	CAMO-19-174834	GELC
R-61 S1	1125.0	05/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.55	—	—	0.01	SU	Y	H	NQ	N3B-2019-1991	CAMO-19-175171	GELC
R-61 S1	1125.0	06/06/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.55	—	—	0.01	SU	Y	H	NQ	N3B-2019-2144	CAMO-19-181697	GELC
R-61 S1	1125.0	07/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.72	—	—	0.01	SU	Y	H	NQ	N3B-2019-2573	CAMO-19-181866	GELC
R-61 S1	1125.0	08/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.6	—	—	0.01	SU	Y	H	NQ	N3B-2019-3023	CAMO-19-184743	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.69	—	—	0.01	SU	Y	H	NQ	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.7	—	—	0.01	SU	Y	H	NQ	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	09/14/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	53.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2018-3897	CAMO-18-160810	GELC
R-61 S1	1125.0	10/30/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	58	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-307	CAMO-19-163728	GELC
R-61 S1	1125.0	11/20/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	53	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-526	CAMO-19-164004	GELC
R-61 S1	1125.0	12/17/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	56	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-672	CAMO-19-164870	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	54	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-733	CAMO-19-165990	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	53.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-733	CAMO-19-165992	GELC
R-61 S1	1125.0	02/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	55.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-947	CAMO-19-166467	GELC
R-61 S1	1125.0	03/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	54.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-1235	CAMO-19-167714	GELC
R-61 S1	1125.0	04/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	54.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-1436	CAMO-19-174834	GELC
R-61 S1	1125.0	05/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	55.6	—	—	1.45	mg/L	Y	H	NQ	N3B-2019-1991	CAMO-19-175171	GELC
R-61 S1	1125.0	06/06/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	57.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-2144	CAMO-19-181697	GELC
R-61 S1	1125.0	07/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	60.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-2573	CAMO-19-181866	GELC
R-61 S1	1125.0	08/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	53.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-3023	CAMO-19-184743	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	55.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	54.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	09/14/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0563	—	—	0.017	mg/L	Y	—	NQ	N3B-2018-3897	CAMO-18-160810	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-61 S1	1125.0	10/30/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0407	—	—	0.017	mg/L	Y	J	U	N3B-2019-307	CAMO-19-163728	GELC
R-61 S1	1125.0	11/20/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0286	—	—	0.017	mg/L	Y	J	U	N3B-2019-526	CAMO-19-164004	GELC
R-61 S1	1125.0	12/17/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.017	mg/L	Y	U	U	N3B-2019-672	CAMO-19-164870	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.017	mg/L	Y	U	U	N3B-2019-733	CAMO-19-165990	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.135	—	—	0.017	mg/L	Y	—	J+	N3B-2019-733	CAMO-19-165992	GELC
R-61 S1	1125.0	04/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0502	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-1436	CAMO-19-174834	GELC
R-61 S1	1125.0	05/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0477	—	—	0.017	mg/L	Y	J	J	N3B-2019-1991	CAMO-19-175171	GELC
R-61 S1	1125.0	06/06/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.108	—	—	0.017	mg/L	Y	—	J+	N3B-2019-2144	CAMO-19-181697	GELC
R-61 S1	1125.0	07/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0412	—	—	0.017	mg/L	Y	J	J	N3B-2019-2573	CAMO-19-181866	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.148	—	—	0.017	mg/L	Y	—	J-	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	09/14/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.64	—	—	2	µg/L	Y	J	J	N3B-2018-3897	CAMO-18-160810	GELC
R-61 S1	1125.0	10/30/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.26	—	—	2	µg/L	Y	J	J	N3B-2019-307	CAMO-19-163728	GELC
R-61 S1	1125.0	11/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.36	—	—	2	µg/L	Y	J	J	N3B-2019-526	CAMO-19-164004	GELC
R-61 S1	1125.0	12/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	N3B-2019-672	CAMO-19-164870	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.6	—	—	2	µg/L	Y	J	J	N3B-2019-733	CAMO-19-165990	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	N3B-2019-733	CAMO-19-165992	GELC
R-61 S1	1125.0	04/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.37	—	—	2	µg/L	Y	J	J	N3B-2019-1436	CAMO-19-174834	GELC
R-61 S1	1125.0	06/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.11	—	—	2	µg/L	Y	J	J	N3B-2019-2144	CAMO-19-181697	GELC
R-61 S1	1125.0	08/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.1	—	—	2	µg/L	Y	J	J	N3B-2019-3023	CAMO-19-184743	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	3.15	—	—	2	µg/L	Y	J	J	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.11	—	—	2	µg/L	Y	J	J	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	09/14/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	19.1	—	—	1	µg/L	Y	—	NQ	N3B-2018-3897	CAMO-18-160810	GELC
R-61 S1	1125.0	10/30/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	21.4	—	—	1	µg/L	Y	—	NQ	N3B-2019-307	CAMO-19-163728	GELC
R-61 S1	1125.0	11/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	21.5	—	—	1	µg/L	Y	—	NQ	N3B-2019-526	CAMO-19-164004	GELC
R-61 S1	1125.0	12/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	21	—	—	1	µg/L	Y	—	NQ	N3B-2019-672	CAMO-19-164870	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	20.9	—	—	1	µg/L	Y	—	NQ	N3B-2019-733	CAMO-19-165990	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	21.6	—	—	1	µg/L	Y	—	NQ	N3B-2019-733	CAMO-19-165992	GELC
R-61 S1	1125.0	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	20.8	—	—	1	µg/L	Y	—	NQ	N3B-2019-947	CAMO-19-166467	GELC
R-61 S1	1125.0	03/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	20.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-1235	CAMO-19-167714	GELC
R-61 S1	1125.0	04/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	22.1	—	—	1	µg/L	Y	—	NQ	N3B-2019-1436	CAMO-19-174834	GELC
R-61 S1	1125.0	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	19.9	—	—	1	µg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175171	GELC
R-61 S1	1125.0	06/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	19.5	—	—	1	µg/L	Y	—	NQ	N3B-2019-2144	CAMO-19-181697	GELC
R-61 S1	1125.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	22.6	—	—	1	µg/L	Y	—	NQ	N3B-2019-2573	CAMO-19-181866	GELC
R-61 S1	1125.0	08/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	22	—	—	1	µg/L	Y	—	NQ	N3B-2019-3023	CAMO-19-184743	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	23.5	—	—	1	µg/L	Y	—	NQ	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	23	—	—	1	µg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	09/14/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-3897	CAMO-18-160810	GELC
R-61 S1	1125.0	10/30/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-307	CAMO-19-163728	GELC
R-61 S1	1125.0	11/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-526	CAMO-19-164004	GELC
R-61 S1	1125.0	12/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-672	CAMO-19-164870	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-733	CAMO-19-165990	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-733	CAMO-19-165992	GELC
R-61 S1	1125.0	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-947	CAMO-19-166467	GELC
R-61 S1	1125.0	03/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11	—	—	0.05	mg/L	Y	E	NQ	N3B-2019-1235	CAMO-19-167714	GELC
R-61 S1	1125.0	04/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.7	—	—	0.05	mg/L	Y	EN	NQ	N3B-2019-1436	CAMO-19-174834	GELC
R-61 S1	1125.0	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175171	GELC
R-61 S1	1125.0	06/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	9.95	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2144	CAMO-19-181697	GELC
R-61 S1	1125.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2573	CAMO-19-181866	GELC
R-61 S1	1125.0	08/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3023	CAMO-19-184743	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	09/14/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.28	—	—	0.067	mg/L	Y	—	NQ	N3B-2018-3897	CAMO-18-160810	GELC
R-61 S1	1125.0	10/30/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.28	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-307	CAMO-19-163728	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-61 S1	1125.0	11/20/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.3	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-526	CAMO-19-164004	GELC
R-61 S1	1125.0	12/17/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.22	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-672	CAMO-19-164870	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.18	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-733	CAMO-19-165990	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.17	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-733	CAMO-19-165992	GELC
R-61 S1	1125.0	02/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.58	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-947	CAMO-19-166467	GELC
R-61 S1	1125.0	03/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.3	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-1235	CAMO-19-167714	GELC
R-61 S1	1125.0	04/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.35	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-1436	CAMO-19-174834	GELC
R-61 S1	1125.0	05/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.28	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175171	GELC
R-61 S1	1125.0	06/06/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.52	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-2144	CAMO-19-181697	GELC
R-61 S1	1125.0	07/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.26	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-2573	CAMO-19-181866	GELC
R-61 S1	1125.0	08/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.71	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-3023	CAMO-19-184743	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.71	—	—	0.067	mg/L	Y	—	J+	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.97	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	09/14/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	18.3	—	—	3	µg/L	Y	—	NQ	N3B-2018-3897	CAMO-18-160810	GELC
R-61 S1	1125.0	10/30/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	17.6	—	—	3	µg/L	Y	—	NQ	N3B-2019-307	CAMO-19-163728	GELC
R-61 S1	1125.0	11/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	19.4	—	—	3	µg/L	Y	—	NQ	N3B-2019-526	CAMO-19-164004	GELC
R-61 S1	1125.0	12/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	21.1	—	—	3	µg/L	Y	—	NQ	N3B-2019-672	CAMO-19-164870	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	20.6	—	—	3	µg/L	Y	—	NQ	N3B-2019-733	CAMO-19-165990	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	20.2	—	—	3	µg/L	Y	—	NQ	N3B-2019-733	CAMO-19-165992	GELC
R-61 S1	1125.0	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	20.5	—	—	3	µg/L	Y	—	NQ	N3B-2019-947	CAMO-19-166467	GELC
R-61 S1	1125.0	03/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	21.6	—	—	3	µg/L	Y	—	NQ	N3B-2019-1235	CAMO-19-167714	GELC
R-61 S1	1125.0	04/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	21.7	—	—	3	µg/L	Y	—	NQ	N3B-2019-1436	CAMO-19-174834	GELC
R-61 S1	1125.0	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	21.3	—	—	3	µg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175171	GELC
R-61 S1	1125.0	06/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	39.1	—	—	3	µg/L	Y	—	NQ	N3B-2019-2144	CAMO-19-181697	GELC
R-61 S1	1125.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	28.6	—	—	3	µg/L	Y	—	NQ	N3B-2019-2573	CAMO-19-181866	GELC
R-61 S1	1125.0	08/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	26	—	—	3	µg/L	Y	—	NQ	N3B-2019-3023	CAMO-19-184743	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	28.9	—	—	3	µg/L	Y	—	NQ	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	33.1	—	—	3	µg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	11/15/2013	WG	UF	INIT	REG	SVOC	SW-846:8270C	Dioxane[1,4-]	123-91-1	N	10	—	—	3	µg/L	Y	U	U	2014-2491	CAMO-14-45756	GELC
R-61 S1	1125.0	11/15/2013	WG	UF	INIT	FD	SVOC	SW-846:8270C	Dioxane[1,4-]	123-91-1	N	11	—	—	3.3	µg/L	Y	U	U	2014-2491	CAMO-14-45726	GELC
R-61 S1	1125.0	05/20/2014	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	10	—	—	3	µg/L	Y	U	U	2014-3426	CAMO-14-75506	GELC
R-61 S1	1125.0	05/20/2014	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	9.71	—	—	2.91	µg/L	Y	U	U	2014-3426	CAMO-14-75484	GELC
R-61 S1	1125.0	11/19/2014	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	10	—	—	3	µg/L	Y	U	U	2015-391	CAMO-15-90222	GELC
R-61 S1	1125.0	05/14/2015	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	10	—	—	3	µg/L	Y	U	U	2015-1213	CAMO-15-95791	GELC
R-61 S1	1125.0	11/20/2019	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	Y	0.196	—	—	0.1	µg/L	Y	J	J	N3B-2020-404	CAMO-20-189181	GELC
R-61 S1	1125.0	09/14/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.395	—	—	0.033	mg/L	Y	—	NQ	N3B-2018-3897	CAMO-18-160810	GELC
R-61 S1	1125.0	10/30/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.268	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-307	CAMO-19-163728	GELC
R-61 S1	1125.0	11/20/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.28	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-526	CAMO-19-164004	GELC
R-61 S1	1125.0	12/17/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.221	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-672	CAMO-19-164870	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.267	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-733	CAMO-19-165990	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.328	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-733	CAMO-19-165992	GELC
R-61 S1	1125.0	02/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.356	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-947	CAMO-19-166467	GELC
R-61 S1	1125.0	03/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.195	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-1235	CAMO-19-167714	GELC
R-61 S1	1125.0	04/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.253	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-1436	CAMO-19-174834	GELC
R-61 S1	1125.0	05/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.333	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175171	GELC
R-61 S1	1125.0	06/06/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.424	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2144	CAMO-19-181697	GELC
R-61 S1	1125.0	07/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.462	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2573	CAMO-19-181866	GELC
R-61 S1	1125.0	08/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.505	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-3023	CAMO-19-184743	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.429	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.417	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	09/14/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	41.5	—	—	0.453	mg/L	Y	—	NQ	N3B-2018-3897	CAMO-18-160810	GELC
R-61 S1	1125.0	10/30/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	43.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-307	CAMO-19-163728	GELC
R-61 S1	1125.0	11/20/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	45.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-526	CAMO-19-164004	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-61 S1	1125.0	12/17/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	45.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-672	CAMO-19-164870	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	45.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-733	CAMO-19-165990	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	45.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-733	CAMO-19-165992	GELC
R-61 S1	1125.0	02/21/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	46.9	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-947	CAMO-19-166467	GELC
R-61 S1	1125.0	03/22/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	43.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-1235	CAMO-19-167714	GELC
R-61 S1	1125.0	04/19/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	46.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-1436	CAMO-19-174834	GELC
R-61 S1	1125.0	05/16/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	41.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175171	GELC
R-61 S1	1125.0	06/06/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	39.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2144	CAMO-19-181697	GELC
R-61 S1	1125.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	46.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2573	CAMO-19-181866	GELC
R-61 S1	1125.0	08/15/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	46.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-3023	CAMO-19-184743	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	47.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	48.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	09/14/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.55	—	—	0.11	mg/L	Y	—	NQ	N3B-2018-3897	CAMO-18-160810	GELC
R-61 S1	1125.0	10/30/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.06	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-307	CAMO-19-163728	GELC
R-61 S1	1125.0	11/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.96	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-526	CAMO-19-164004	GELC
R-61 S1	1125.0	12/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.85	—	—	0.11	mg/L	Y	E	NQ	N3B-2019-672	CAMO-19-164870	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.93	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-733	CAMO-19-165990	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.94	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-733	CAMO-19-165992	GELC
R-61 S1	1125.0	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.06	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-947	CAMO-19-166467	GELC
R-61 S1	1125.0	03/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.97	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-1235	CAMO-19-167714	GELC
R-61 S1	1125.0	04/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.16	—	—	0.11	mg/L	Y	N	NQ	N3B-2019-1436	CAMO-19-174834	GELC
R-61 S1	1125.0	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.72	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175171	GELC
R-61 S1	1125.0	06/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.52	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-2144	CAMO-19-181697	GELC
R-61 S1	1125.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.69	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-2573	CAMO-19-181866	GELC
R-61 S1	1125.0	08/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.04	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-3023	CAMO-19-184743	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.06	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.59	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	09/14/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	3.45	—	—	2	µg/L	Y	J	J	N3B-2018-3897	CAMO-18-160810	GELC
R-61 S1	1125.0	10/30/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	2.64	—	—	2	µg/L	Y	J	J	N3B-2019-307	CAMO-19-163728	GELC
R-61 S1	1125.0	11/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	3.35	—	—	2	µg/L	Y	J	J	N3B-2019-526	CAMO-19-164004	GELC
R-61 S1	1125.0	12/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	2.8	—	—	2	µg/L	Y	J	J	N3B-2019-672	CAMO-19-164870	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	2.73	—	—	2	µg/L	Y	J	J	N3B-2019-733	CAMO-19-165990	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Manganese	Mn	Y	2.84	—	—	2	µg/L	Y	J	J	N3B-2019-733	CAMO-19-165992	GELC
R-61 S1	1125.0	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	2.6	—	—	2	µg/L	Y	J	J	N3B-2019-947	CAMO-19-166467	GELC
R-61 S1	1125.0	03/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	2.19	—	—	2	µg/L	Y	J	J	N3B-2019-1235	CAMO-19-167714	GELC
R-61 S1	1125.0	04/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	2.86	—	—	2	µg/L	Y	J	J	N3B-2019-1436	CAMO-19-174834	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	4.14	—	—	2	µg/L	Y	J	J	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	09/14/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.35	—	—	0.2	µg/L	Y	—	NQ	N3B-2018-3897	CAMO-18-160810	GELC
R-61 S1	1125.0	10/30/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.33	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-307	CAMO-19-163728	GELC
R-61 S1	1125.0	11/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.38	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-526	CAMO-19-164004	GELC
R-61 S1	1125.0	12/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.52	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-672	CAMO-19-164870	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.45	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-733	CAMO-19-165990	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.4	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-733	CAMO-19-165992	GELC
R-61 S1	1125.0	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.42	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-947	CAMO-19-166467	GELC
R-61 S1	1125.0	03/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.54	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-1235	CAMO-19-167714	GELC
R-61 S1	1125.0	04/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.43	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-1436	CAMO-19-174834	GELC
R-61 S1	1125.0	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.27	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175171	GELC
R-61 S1	1125.0	06/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.63	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-2144	CAMO-19-181697	GELC
R-61 S1	1125.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.76	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-2573	CAMO-19-181866	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.66	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.47	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.6	—	—	0.6	µg/L	Y	U	U	N3B-2019-947	CAMO-19-166467	GELC
R-61 S1	1125.0	03/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.6	—	—	0.6	µg/L	Y	U	U	N3B-2019-1235	CAMO-19-167714	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-61 S1	1125.0	04/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.6	—	—	0.6	µg/L	Y	U	U	N3B-2019-1436	CAMO-19-174834	GELC
R-61 S1	1125.0	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.6	—	—	0.6	µg/L	Y	U	U	N3B-2019-1991	CAMO-19-175171	GELC
R-61 S1	1125.0	06/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.612	—	—	0.6	µg/L	Y	J	J	N3B-2019-2144	CAMO-19-181697	GELC
R-61 S1	1125.0	09/14/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.1	—	—	0.085	mg/L	Y	—	NQ	N3B-2018-3897	CAMO-18-160810	GELC
R-61 S1	1125.0	10/30/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.38	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-307	CAMO-19-163728	GELC
R-61 S1	1125.0	11/20/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.19	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-526	CAMO-19-164004	GELC
R-61 S1	1125.0	12/17/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.64	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-672	CAMO-19-164870	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.32	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-733	CAMO-19-165990	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.46	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-733	CAMO-19-165992	GELC
R-61 S1	1125.0	02/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.23	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-947	CAMO-19-166467	GELC
R-61 S1	1125.0	03/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.54	—	—	0.17	mg/L	Y	—	NQ	N3B-2019-1235	CAMO-19-167714	GELC
R-61 S1	1125.0	04/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.34	—	—	0.17	mg/L	Y	—	NQ	N3B-2019-1436	CAMO-19-174834	GELC
R-61 S1	1125.0	05/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.17	—	—	0.17	mg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175171	GELC
R-61 S1	1125.0	06/06/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.44	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-2144	CAMO-19-181697	GELC
R-61 S1	1125.0	07/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.06	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-2573	CAMO-19-181866	GELC
R-61 S1	1125.0	08/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.34	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-3023	CAMO-19-184743	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.59	—	—	0.085	mg/L	Y	—	J+	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.36	—	—	0.17	mg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	09/14/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	16.2	—	—	0.5	µg/L	Y	—	NQ	N3B-2018-3897	CAMO-18-160810	GELC
R-61 S1	1125.0	10/30/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	14.3	—	—	0.5	µg/L	Y	—	NQ	N3B-2019-307	CAMO-19-163728	GELC
R-61 S1	1125.0	11/20/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	13.6	—	—	0.5	µg/L	Y	—	NQ	N3B-2019-526	CAMO-19-164004	GELC
R-61 S1	1125.0	12/17/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	15.1	—	—	0.5	µg/L	Y	—	NQ	N3B-2019-672	CAMO-19-164870	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	15.7	—	—	1	µg/L	Y	—	NQ	N3B-2019-733	CAMO-19-165990	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	15.7	—	—	1	µg/L	Y	—	NQ	N3B-2019-733	CAMO-19-165992	GELC
R-61 S1	1125.0	02/21/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	13.3	—	—	0.5	µg/L	Y	—	NQ	N3B-2019-947	CAMO-19-166467	GELC
R-61 S1	1125.0	03/22/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	12.4	—	—	0.5	µg/L	Y	—	NQ	N3B-2019-1235	CAMO-19-167714	GELC
R-61 S1	1125.0	04/19/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	13.7	—	—	0.5	µg/L	Y	—	NQ	N3B-2019-1436	CAMO-19-174834	GELC
R-61 S1	1125.0	05/16/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	12.8	—	—	0.5	µg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175171	GELC
R-61 S1	1125.0	06/06/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	11.8	—	—	0.5	µg/L	Y	—	NQ	N3B-2019-2144	CAMO-19-181697	GELC
R-61 S1	1125.0	07/17/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	9.61	—	—	0.5	µg/L	Y	—	NQ	N3B-2019-2573	CAMO-19-181866	GELC
R-61 S1	1125.0	08/15/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	13.3	—	—	0.5	µg/L	Y	—	NQ	N3B-2019-3023	CAMO-19-184743	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	12.8	—	—	0.5	µg/L	Y	—	NQ	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	12.5	—	—	0.5	µg/L	Y	—	J	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	09/14/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.98	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-3897	CAMO-18-160810	GELC
R-61 S1	1125.0	10/30/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	4.24	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-307	CAMO-19-163728	GELC
R-61 S1	1125.0	11/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	4.48	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-526	CAMO-19-164004	GELC
R-61 S1	1125.0	12/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	4.41	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-672	CAMO-19-164870	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	4.41	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-733	CAMO-19-165990	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	4.37	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-733	CAMO-19-165992	GELC
R-61 S1	1125.0	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	4.64	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-947	CAMO-19-166467	GELC
R-61 S1	1125.0	03/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	4.41	—	—	0.05	mg/L	Y	E	NQ	N3B-2019-1235	CAMO-19-167714	GELC
R-61 S1	1125.0	04/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	4.31	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1436	CAMO-19-174834	GELC
R-61 S1	1125.0	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	4.02	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175171	GELC
R-61 S1	1125.0	06/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.58	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2144	CAMO-19-181697	GELC
R-61 S1	1125.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.66	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2573	CAMO-19-181866	GELC
R-61 S1	1125.0	08/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	4.13	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3023	CAMO-19-184743	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	4.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	4.07	—	—	0.05	mg/L	Y	—	J+	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	09/14/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2018-3897	CAMO-18-160810	GELC
R-61 S1	1125.0	10/30/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-307	CAMO-19-163728	GELC
R-61 S1	1125.0	11/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-526	CAMO-19-164004	GELC
R-61 S1	1125.0	12/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-672	CAMO-19-164870	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	69	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-733	CAMO-19-165990	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-61 S1	1125.0	01/08/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	69	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-733	CAMO-19-165992	GELC
R-61 S1	1125.0	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-947	CAMO-19-166467	GELC
R-61 S1	1125.0	03/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-1235	CAMO-19-167714	GELC
R-61 S1	1125.0	04/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-1436	CAMO-19-174834	GELC
R-61 S1	1125.0	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	63.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175171	GELC
R-61 S1	1125.0	06/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	60.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-2144	CAMO-19-181697	GELC
R-61 S1	1125.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-2573	CAMO-19-181866	GELC
R-61 S1	1125.0	08/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	69	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-3023	CAMO-19-184743	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	09/14/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.7	—	—	0.1	mg/L	Y	—	NQ	N3B-2018-3897	CAMO-18-160810	GELC
R-61 S1	1125.0	10/30/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-307	CAMO-19-163728	GELC
R-61 S1	1125.0	11/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.5	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-526	CAMO-19-164004	GELC
R-61 S1	1125.0	12/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.4	—	—	0.1	mg/L	Y	E	NQ	N3B-2019-672	CAMO-19-164870	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.6	—	—	0.1	mg/L	Y	—	J+	N3B-2019-733	CAMO-19-165990	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.5	—	—	0.1	mg/L	Y	—	J+	N3B-2019-733	CAMO-19-165992	GELC
R-61 S1	1125.0	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.9	—	—	0.1	mg/L	Y	—	J+	N3B-2019-947	CAMO-19-166467	GELC
R-61 S1	1125.0	03/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.7	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-1235	CAMO-19-167714	GELC
R-61 S1	1125.0	04/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.8	—	—	0.1	mg/L	Y	N	NQ	N3B-2019-1436	CAMO-19-174834	GELC
R-61 S1	1125.0	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175171	GELC
R-61 S1	1125.0	06/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-2144	CAMO-19-181697	GELC
R-61 S1	1125.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.8	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-2573	CAMO-19-181866	GELC
R-61 S1	1125.0	08/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.5	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-3023	CAMO-19-184743	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.6	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	09/14/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	148	—	—	1	µS/cm	Y	—	NQ	N3B-2018-3897	CAMO-18-160810	GELC
R-61 S1	1125.0	10/30/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	163	—	—	1	µS/cm	Y	—	NQ	N3B-2019-307	CAMO-19-163728	GELC
R-61 S1	1125.0	11/20/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	151	—	—	1	µS/cm	Y	—	NQ	N3B-2019-526	CAMO-19-164004	GELC
R-61 S1	1125.0	12/17/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	148	—	—	1	µS/cm	Y	—	NQ	N3B-2019-672	CAMO-19-164870	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	151	—	—	1	µS/cm	Y	—	NQ	N3B-2019-733	CAMO-19-165990	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	149	—	—	1	µS/cm	Y	—	NQ	N3B-2019-733	CAMO-19-165992	GELC
R-61 S1	1125.0	02/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	150	—	—	1	µS/cm	Y	—	NQ	N3B-2019-947	CAMO-19-166467	GELC
R-61 S1	1125.0	03/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	150	—	—	1	µS/cm	Y	—	NQ	N3B-2019-1235	CAMO-19-167714	GELC
R-61 S1	1125.0	04/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	162	—	—	1	µS/cm	Y	—	NQ	N3B-2019-1436	CAMO-19-174834	GELC
R-61 S1	1125.0	05/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	152	—	—	1	µS/cm	Y	—	NQ	N3B-2019-1991	CAMO-19-175171	GELC
R-61 S1	1125.0	06/06/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	161	—	—	1	µS/cm	Y	—	NQ	N3B-2019-2144	CAMO-19-181697	GELC
R-61 S1	1125.0	07/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	158	—	—	1	µS/cm	Y	—	NQ	N3B-2019-2573	CAMO-19-181866	GELC
R-61 S1	1125.0	08/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	129	—	—	1	µS/cm	Y	—	NQ	N3B-2019-3023	CAMO-19-184743	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	132	—	—	1	µS/cm	Y	—	NQ	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	132	—	—	1	µS/cm	Y	—	NQ	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	09/14/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	47.4	—	—	1	µg/L	Y	—	NQ	N3B-2018-3897	CAMO-18-160810	GELC
R-61 S1	1125.0	10/30/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	49.8	—	—	1	µg/L	Y	—	NQ	N3B-2019-307	CAMO-19-163728	GELC
R-61 S1	1125.0	11/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	50.7	—	—	1	µg/L	Y	—	NQ	N3B-2019-526	CAMO-19-164004	GELC
R-61 S1	1125.0	12/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	51.3	—	—	1	µg/L	Y	—	NQ	N3B-2019-672	CAMO-19-164870	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	51.7	—	—	1	µg/L	Y	—	NQ	N3B-2019-733	CAMO-19-165990	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	51.4	—	—	1	µg/L	Y	—	NQ	N3B-2019-733	CAMO-19-165992	GELC
R-61 S1	1125.0	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	53.6	—	—	1	µg/L	Y	—	NQ	N3B-2019-947	CAMO-19-166467	GELC
R-61 S1	1125.0	03/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	52.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-1235	CAMO-19-167714	GELC
R-61 S1	1125.0	04/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	53.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-1436	CAMO-19-174834	GELC
R-61 S1	1125.0	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	48.3	—	—	1	µg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175171	GELC
R-61 S1	1125.0	06/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	44.7	—	—	1	µg/L	Y	—	NQ	N3B-2019-2144	CAMO-19-181697	GELC
R-61 S1	1125.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	53.9	—	—	1	µg/L	Y	—	NQ	N3B-2019-2573	CAMO-19-181866	GELC
R-61 S1	1125.0	08/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	52.7	—	—	1	µg/L	Y	—	NQ	N3B-2019-3023	CAMO-19-184743	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	55.3	—	—	1	µg/L	Y	—	NQ	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	56.4	—	—	1	µg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	09/14/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.93	—	—	0.133	mg/L	Y	—	NQ	N3B-2018-3897	CAMO-18-160810	GELC
R-61 S1	1125.0	10/30/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.85	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-307	CAMO-19-163728	GELC
R-61 S1	1125.0	11/20/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.12	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-526	CAMO-19-164004	GELC
R-61 S1	1125.0	12/17/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.82	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-672	CAMO-19-164870	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.85	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-733	CAMO-19-165990	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.72	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-733	CAMO-19-165992	GELC
R-61 S1	1125.0	02/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.46	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-947	CAMO-19-166467	GELC
R-61 S1	1125.0	03/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.98	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-1235	CAMO-19-167714	GELC
R-61 S1	1125.0	04/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.93	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-1436	CAMO-19-174834	GELC
R-61 S1	1125.0	05/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.92	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175171	GELC
R-61 S1	1125.0	06/06/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.2	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-2144	CAMO-19-181697	GELC
R-61 S1	1125.0	07/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.79	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-2573	CAMO-19-181866	GELC
R-61 S1	1125.0	08/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.47	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-3023	CAMO-19-184743	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.53	—	—	0.133	mg/L	Y	—	J+	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.12	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	09/14/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2018-3897	CAMO-18-160810	GELC
R-61 S1	1125.0	09/14/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2018-3897	CAMO-18-160811	GELC
R-61 S1	1125.0	10/30/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-307	CAMO-19-163728	GELC
R-61 S1	1125.0	10/30/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-307	CAMO-19-163729	GELC
R-61 S1	1125.0	11/20/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-526	CAMO-19-164004	GELC
R-61 S1	1125.0	11/20/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-526	CAMO-19-164005	GELC
R-61 S1	1125.0	12/17/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-672	CAMO-19-164870	GELC
R-61 S1	1125.0	12/17/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-672	CAMO-19-164871	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-733	CAMO-19-165990	GELC
R-61 S1	1125.0	01/08/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-733	CAMO-19-165991	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-733	CAMO-19-165992	GELC
R-61 S1	1125.0	01/08/2019	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-733	CAMO-19-165993	GELC
R-61 S1	1125.0	02/21/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-947	CAMO-19-166467	GELC
R-61 S1	1125.0	02/21/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-947	CAMO-19-166468	GELC
R-61 S1	1125.0	03/22/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-1235	CAMO-19-167714	GELC
R-61 S1	1125.0	03/22/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-1235	CAMO-19-167715	GELC
R-61 S1	1125.0	04/19/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-1436	CAMO-19-174833	GELC
R-61 S1	1125.0	04/19/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-1436	CAMO-19-174834	GELC
R-61 S1	1125.0	05/16/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-1943	CAMO-19-175172	GELC
R-61 S1	1125.0	05/16/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-1991	CAMO-19-175171	GELC
R-61 S1	1125.0	06/06/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-2144	CAMO-19-181697	GELC
R-61 S1	1125.0	06/06/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-2144	CAMO-19-181698	GELC
R-61 S1	1125.0	07/17/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-2573	CAMO-19-181866	GELC
R-61 S1	1125.0	07/17/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-2573	CAMO-19-181867	GELC
R-61 S1	1125.0	08/15/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2019-3023	CAMO-19-184743	GELC
R-61 S1	1125.0	08/15/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2019-3023	CAMO-19-184744	GELC
R-61 S1	1125.0	09/23/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-3492	CAMO-19-186542	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	11/20/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2020-404	CAMO-20-189181	GELC
R-61 S1	1125.0	12/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2019-672	CAMO-19-164870	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	3.11	—	—	2.5	µg/L	Y	J	U	N3B-2019-733	CAMO-19-165990	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2019-733	CAMO-19-165992	GELC
R-61 S1	1125.0	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2019-947	CAMO-19-166467	GELC
R-61 S1	1125.0	03/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2019-1235	CAMO-19-167714	GELC
R-61 S1	1125.0	04/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	4.84	—	—	2.5	µg/L	Y	J	J	N3B-2019-1436	CAMO-19-174834	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-61 S1	1125.0	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	9.45	—	—	2.5	µg/L	Y	J	J	N3B-2019-1991	CAMO-19-175171	GELC
R-61 S1	1125.0	06/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	10.1	—	—	2.5	µg/L	Y	—	NQ	N3B-2019-2144	CAMO-19-181697	GELC
R-61 S1	1125.0	09/14/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	133	—	—	3.4	mg/L	Y	—	NQ	N3B-2018-3897	CAMO-18-160810	GELC
R-61 S1	1125.0	10/30/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	121	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-307	CAMO-19-163728	GELC
R-61 S1	1125.0	11/20/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	116	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-526	CAMO-19-164004	GELC
R-61 S1	1125.0	12/17/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	121	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-672	CAMO-19-164870	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	1510	—	—	3.4	mg/L	N	—	J	N3B-2019-733	CAMO-19-165990	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	397	—	—	3.4	mg/L	N	—	J+	N3B-2019-733	CAMO-19-165992	GELC
R-61 S1	1125.0	01/08/2019	WG	F	RE	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	141	—	—	3.4	mg/L	Y	H	NQ	N3B-2019-733	CAMO-19-165990	GELC
R-61 S1	1125.0	01/08/2019	WG	F	RE	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	139	—	—	3.4	mg/L	Y	H	NQ	N3B-2019-733	CAMO-19-165992	GELC
R-61 S1	1125.0	02/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	151	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-947	CAMO-19-166467	GELC
R-61 S1	1125.0	03/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	163	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-1235	CAMO-19-167714	GELC
R-61 S1	1125.0	04/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	176	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-1436	CAMO-19-174834	GELC
R-61 S1	1125.0	05/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	157	—	—	3.4	mg/L	Y	H	NQ	N3B-2019-1991	CAMO-19-175171	GELC
R-61 S1	1125.0	06/06/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	170	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-2144	CAMO-19-181697	GELC
R-61 S1	1125.0	07/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	123	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-2573	CAMO-19-181866	GELC
R-61 S1	1125.0	08/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	149	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-3023	CAMO-19-184743	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	136	—	—	3.4	mg/L	Y	—	J	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	166	—	—	3.4	mg/L	Y	—	J+	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	09/14/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2018-3897	CAMO-18-160811	GELC
R-61 S1	1125.0	10/30/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	1.15	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-307	CAMO-19-163729	GELC
R-61 S1	1125.0	11/20/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.129	—	—	0.033	mg/L	Y	—	U	N3B-2019-526	CAMO-19-164005	GELC
R-61 S1	1125.0	12/17/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0579	—	—	0.033	mg/L	Y	J	U	N3B-2019-672	CAMO-19-164871	GELC
R-61 S1	1125.0	01/08/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2019-733	CAMO-19-165991	GELC
R-61 S1	1125.0	01/08/2019	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0427	—	—	0.033	mg/L	Y	J	J	N3B-2019-733	CAMO-19-165993	GELC
R-61 S1	1125.0	03/22/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0677	—	—	0.033	mg/L	Y	J	J	N3B-2019-1235	CAMO-19-167715	GELC
R-61 S1	1125.0	05/16/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0384	—	—	0.033	mg/L	Y	J	J	N3B-2019-1991	CAMO-19-175172	GELC
R-61 S1	1125.0	06/06/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0685	—	—	0.033	mg/L	Y	J	J	N3B-2019-2144	CAMO-19-181698	GELC
R-61 S1	1125.0	10/30/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2019-307	CAMO-19-163729	GELC
R-61 S1	1125.0	11/20/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2019-526	CAMO-19-164005	GELC
R-61 S1	1125.0	12/17/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.565	—	—	0.33	mg/L	Y	J	J	N3B-2019-672	CAMO-19-164871	GELC
R-61 S1	1125.0	01/08/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2019-733	CAMO-19-165991	GELC
R-61 S1	1125.0	01/08/2019	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2019-733	CAMO-19-165993	GELC
R-61 S1	1125.0	02/21/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.37	—	—	0.33	mg/L	Y	J	J	N3B-2019-947	CAMO-19-166468	GELC
R-61 S1	1125.0	07/17/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.38	—	—	0.33	mg/L	Y	J	J	N3B-2019-2573	CAMO-19-181867	GELC
R-61 S1	1125.0	09/23/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.357	—	—	0.33	mg/L	Y	J	J	N3B-2019-3492	CAMO-19-186542	GELC
R-61 S1	1125.0	11/20/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.474	—	—	0.33	mg/L	Y	J	J	N3B-2020-404	CAMO-20-189181	GELC
R-61 S1	1125.0	09/14/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.571	—	—	0.02	mg/L	Y	—	J+	N3B-2018-3897	CAMO-18-160810	GELC
R-61 S1	1125.0	10/30/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.552	—	—	0.02	mg/L	Y	—	J+	N3B-2019-307	CAMO-19-163728	GELC
R-61 S1	1125.0	11/20/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.538	—	—	0.02	mg/L	Y	—	J+	N3B-2019-526	CAMO-19-164004	GELC
R-61 S1	1125.0	12/17/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.5	—	—	0.02	mg/L	Y	—	J+	N3B-2019-672	CAMO-19-164870	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.44	—	—	0.02	mg/L	Y	—	NQ	N3B-2019-733	CAMO-19-165990	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.416	—	—	0.02	mg/L	Y	—	NQ	N3B-2019-733	CAMO-19-165992	GELC
R-61 S1	1125.0	02/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.419	—	—	0.02	mg/L	Y	—	J+	N3B-2019-947	CAMO-19-166467	GELC
R-61 S1	1125.0	03/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.377	—	—	0.02	mg/L	Y	—	J+	N3B-2019-1235	CAMO-19-167714	GELC
R-61 S1	1125.0	04/19/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.39	—	—	0.02	mg/L	Y	—	NQ	N3B-2019-1436	CAMO-19-174834	GELC
R-61 S1	1125.0	05/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.41	—	—	0.02	mg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175171	GELC
R-61 S1	1125.0	06/06/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.472	—	—	0.02	mg/L	Y	—	NQ	N3B-2019-2144	CAMO-19-181697	GELC
R-61 S1	1125.0	07/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.454	—	—	0.02	mg/L	Y	—	NQ	N3B-2019-2573	CAMO-19-181866	GELC
R-61 S1	1125.0	08/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.396	—	—	0.02	mg/L	Y	—	J+	N3B-2019-3023	CAMO-19-184743	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.397	—	—	0.02	mg/L	Y	—	J+	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.322	—	—	0.02	mg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	05/20/2014	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	22.12	3.463	2.165	—	pCi/L	Y	—	J-	2014-3427	CAMO-14-75506	ARSL

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-61 S1	1125.0	05/20/2014	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	22.725	3.563	2.282	—	pCi/L	Y	—	J-	2014-3427	CAMO-14-75484	ARSL
R-61 S1	1125.0	11/19/2014	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	28.856	4.466	2.202	—	pCi/L	Y	—	NQ	2015-459	CAMO-15-90222	ARSL
R-61 S1	1125.0	05/14/2015	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	24.019	3.754	2.268	—	pCi/L	Y	—	J-	2015-1236	CAMO-15-95791	ARSL
R-61 S1	1125.0	11/20/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	76.49	11.61	2.896	—	pCi/L	Y	—	NQ	N3B-2019-573	CAMO-19-164005	ARSL
R-61 S1	1125.0	01/08/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	74.691	11.344	2.984	—	pCi/L	Y	—	NQ	N3B-2019-773	CAMO-19-165991	ARSL
R-61 S1	1125.0	01/08/2019	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	80.475	12.233	3.399	—	pCi/L	Y	—	NQ	N3B-2019-773	CAMO-19-165993	ARSL
R-61 S1	1125.0	05/16/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	57.733	8.81	3.039	—	pCi/L	Y	—	NQ	N3B-2019-1983	CAMO-19-175172	ARSL
R-61 S1	1125.0	09/14/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.156	—	—	0.067	µg/L	Y	J	J	N3B-2018-3897	CAMO-18-160810	GELC
R-61 S1	1125.0	10/30/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.173	—	—	0.067	µg/L	Y	J	J	N3B-2019-307	CAMO-19-163728	GELC
R-61 S1	1125.0	11/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.169	—	—	0.067	µg/L	Y	J	J	N3B-2019-526	CAMO-19-164004	GELC
R-61 S1	1125.0	12/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.168	—	—	0.067	µg/L	Y	J	J	N3B-2019-672	CAMO-19-164870	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.189	—	—	0.067	µg/L	Y	J	J	N3B-2019-733	CAMO-19-165990	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.185	—	—	0.067	µg/L	Y	J	J	N3B-2019-733	CAMO-19-165992	GELC
R-61 S1	1125.0	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.182	—	—	0.067	µg/L	Y	J	J	N3B-2019-947	CAMO-19-166467	GELC
R-61 S1	1125.0	03/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.209	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-1235	CAMO-19-167714	GELC
R-61 S1	1125.0	04/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.209	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-1436	CAMO-19-174834	GELC
R-61 S1	1125.0	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.198	—	—	0.067	µg/L	Y	J	J	N3B-2019-1991	CAMO-19-175171	GELC
R-61 S1	1125.0	06/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.234	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-2144	CAMO-19-181697	GELC
R-61 S1	1125.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.286	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-2573	CAMO-19-181866	GELC
R-61 S1	1125.0	08/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.238	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-3023	CAMO-19-184743	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.195	—	—	0.067	µg/L	Y	J	J	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.212	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	09/14/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.07	—	—	1	µg/L	Y	J	J	N3B-2018-3897	CAMO-18-160810	GELC
R-61 S1	1125.0	10/30/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.12	—	—	1	µg/L	Y	—	NQ	N3B-2019-307	CAMO-19-163728	GELC
R-61 S1	1125.0	11/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.66	—	—	1	µg/L	Y	J	J	N3B-2019-526	CAMO-19-164004	GELC
R-61 S1	1125.0	12/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.16	—	—	1	µg/L	Y	J	J	N3B-2019-672	CAMO-19-164870	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.22	—	—	1	µg/L	Y	J	J	N3B-2019-733	CAMO-19-165990	GELC
R-61 S1	1125.0	01/08/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.65	—	—	1	µg/L	Y	J	J	N3B-2019-733	CAMO-19-165992	GELC
R-61 S1	1125.0	02/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.91	—	—	1	µg/L	Y	J	J	N3B-2019-947	CAMO-19-166467	GELC
R-61 S1	1125.0	03/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.76	—	—	1	µg/L	Y	J	J	N3B-2019-1235	CAMO-19-167714	GELC
R-61 S1	1125.0	04/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.01	—	—	1	µg/L	Y	—	NQ	N3B-2019-1436	CAMO-19-174834	GELC
R-61 S1	1125.0	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.24	—	—	1	µg/L	Y	J	J	N3B-2019-1991	CAMO-19-175171	GELC
R-61 S1	1125.0	06/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.74	—	—	1	µg/L	Y	J	J	N3B-2019-2144	CAMO-19-181697	GELC
R-61 S1	1125.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.86	—	—	1	µg/L	Y	J	J	N3B-2019-2573	CAMO-19-181866	GELC
R-61 S1	1125.0	08/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.8	—	—	1	µg/L	Y	J	J	N3B-2019-3023	CAMO-19-184743	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Vanadium	V	Y	11.3	—	—	3.3	µg/L	Y	J	J	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.57	—	—	1	µg/L	Y	J	J	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	04/19/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	7.32	—	—	3.3	µg/L	Y	J	U	N3B-2019-1436	CAMO-19-174834	GELC
R-61 S1	1125.0	05/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	7.93	—	—	3.3	µg/L	Y	J	U	N3B-2019-1991	CAMO-19-175171	GELC
R-61 S1	1125.0	06/06/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	7.33	—	—	3.3	µg/L	Y	J	U	N3B-2019-2144	CAMO-19-181697	GELC
R-61 S1	1125.0	07/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	6.26	—	—	3.3	µg/L	Y	J	U	N3B-2019-2573	CAMO-19-181866	GELC
R-61 S1	1125.0	08/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	7.48	—	—	3.3	µg/L	Y	J	J	N3B-2019-3023	CAMO-19-184743	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Zinc	Zn	Y	4.17	—	—	3.3	µg/L	Y	J	J	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	4.66	—	—	3.3	µg/L	Y	J	J	N3B-2020-404	CAMO-20-189180	GELC
R-62	1158.4	11/17/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.46	—	—	0.01	SU	Y	H	NQ	2018-1001	CAMO-18-148068	GELC
R-62	1158.4	01/17/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.54	—	—	0.01	SU	Y	H	NQ	2018-1500	CAMO-18-150844	GELC
R-62	1158.4	05/22/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.6	—	—	0.01	SU	Y	H	NQ	2018-2603	CAMO-18-153998	GELC
R-62	1158.4	11/09/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.53	—	—	0.01	SU	Y	H	NQ	N3B-2019-437	CAMO-19-164006	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.54	—	—	0.01	SU	Y	H	NQ	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.61	—	—	0.01	SU	Y	H	J-	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.64	—	—	0.01	SU	Y	H	NQ	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.62	—	—	0.01	SU	Y	H	NQ	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	11/17/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	2.42	—	—	1.45	mg/L	Y	J	J	2018-1001	CAMO-18-148068	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-62	1158.4	01/17/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	4	—	—	1.45	mg/L	Y	—	NQ	2018-1500	CAMO-18-150844	GELC
R-62	1158.4	05/22/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	5.6	—	—	1.45	mg/L	Y	—	NQ	2018-2603	CAMO-18-153998	GELC
R-62	1158.4	11/09/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	3.6	—	—	1.45	mg/L	Y	J	J	N3B-2019-437	CAMO-19-164006	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	4	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	5.17	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	3.58	—	—	1.45	mg/L	Y	J	J	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	11/17/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66.1	—	—	1.45	mg/L	Y	—	NQ	2018-1001	CAMO-18-148068	GELC
R-62	1158.4	01/17/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.8	—	—	1.45	mg/L	Y	—	NQ	2018-1500	CAMO-18-150844	GELC
R-62	1158.4	05/22/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.6	—	—	1.45	mg/L	Y	—	NQ	2018-2603	CAMO-18-153998	GELC
R-62	1158.4	11/09/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-437	CAMO-19-164006	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.6	—	—	1.45	mg/L	Y	H	NQ	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	11/17/2014	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00298	0.00894	0.0622	—	pCi/L	Y	U	U	2015-355	CAMO-15-90223	GELC
R-62	1158.4	05/12/2015	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00977	0.00598	0.0451	—	pCi/L	Y	U	U	2015-1191	CAMO-15-95759	GELC
R-62	1158.4	05/12/2015	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00264	0.00458	0.0488	—	pCi/L	Y	U	U	2015-1191	CAMO-15-95792	GELC
R-62	1158.4	11/19/2015	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00000000181	0.0075	0.0292	—	pCi/L	Y	U	U	2016-383	CAMO-16-106114	GELC
R-62	1158.4	11/17/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00206	0.00744	0.0367	—	pCi/L	Y	U	U	2018-1001	CAMO-18-148084	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.017	0.0111	0.0487	—	pCi/L	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/17/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0206	—	—	0.017	mg/L	Y	J	U	2018-1001	CAMO-18-148068	GELC
R-62	1158.4	01/17/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0226	—	—	0.017	mg/L	Y	J	U	2018-1500	CAMO-18-150844	GELC
R-62	1158.4	05/22/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.021	—	—	0.017	mg/L	Y	J	J	2018-2603	CAMO-18-153998	GELC
R-62	1158.4	11/09/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.017	mg/L	Y	U	U	N3B-2019-437	CAMO-19-164006	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.113	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.11	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0538	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	11/17/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.49	—	—	2	µg/L	Y	J	J	2018-1001	CAMO-18-148068	GELC
R-62	1158.4	01/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	2018-1500	CAMO-18-150844	GELC
R-62	1158.4	05/22/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.35	—	—	2	µg/L	Y	J	J	2018-2603	CAMO-18-153998	GELC
R-62	1158.4	11/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.97	—	—	2	µg/L	Y	J	J	N3B-2019-437	CAMO-19-164006	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.3	—	—	2	µg/L	Y	J	J	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.52	—	—	2	µg/L	Y	J	J	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.36	—	—	2	µg/L	Y	J	J	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	11/17/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	8.26	—	—	1	µg/L	Y	—	NQ	2018-1001	CAMO-18-148068	GELC
R-62	1158.4	01/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	38.5	—	—	1	µg/L	Y	—	NQ	2018-1500	CAMO-18-150844	GELC
R-62	1158.4	05/22/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	35.9	—	—	1	µg/L	Y	—	NQ	2018-2603	CAMO-18-153998	GELC
R-62	1158.4	11/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	41.3	—	—	1	µg/L	Y	—	NQ	N3B-2019-437	CAMO-19-164006	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	40.6	—	—	1	µg/L	Y	—	NQ	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	39.6	—	—	1	µg/L	Y	*	NQ	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	39.7	—	—	1	µg/L	Y	—	NQ	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	43.8	—	—	1	µg/L	Y	—	NQ	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	11/17/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.128	—	—	0.067	mg/L	Y	J	J	2018-1001	CAMO-18-148068	GELC
R-62	1158.4	01/17/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.128	—	—	0.067	mg/L	Y	J	J	2018-1500	CAMO-18-150844	GELC
R-62	1158.4	05/22/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.127	—	—	0.067	mg/L	Y	J	J	2018-2603	CAMO-18-153998	GELC
R-62	1158.4	11/09/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.166	—	—	0.067	mg/L	Y	J	J	N3B-2019-437	CAMO-19-164006	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.202	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.156	—	—	0.067	mg/L	Y	J	J	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.154	—	—	0.067	mg/L	Y	J	J	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.154	—	—	0.067	mg/L	Y	J	J	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	11/17/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	0.206	—	—	0.05	mg/L	Y	—	NQ	2018-1001	CAMO-18-148068	GELC
R-62	1158.4	01/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	26.8	—	—	0.05	mg/L	Y	—	NQ	2018-1500	CAMO-18-150844	GELC
R-62	1158.4	05/22/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	23.8	—	—	0.05	mg/L	Y	—	NQ	2018-2603	CAMO-18-153998	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-62	1158.4	11/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	27.9	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-437	CAMO-19-164006	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	25.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	27.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	26.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	28.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	11/17/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.58	1.43	5.89	—	pCi/L	Y	U	U	2015-355	CAMO-15-90223	GELC
R-62	1158.4	05/12/2015	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.896	1.62	5.73	—	pCi/L	Y	U	U	2015-1191	CAMO-15-95759	GELC
R-62	1158.4	05/12/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.87	1.44	5.96	—	pCi/L	Y	U	U	2015-1191	CAMO-15-95792	GELC
R-62	1158.4	11/19/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.735	1.65	6.25	—	pCi/L	Y	U	U	2016-383	CAMO-16-106114	GELC
R-62	1158.4	11/17/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.411	1.33	4.77	—	pCi/L	Y	U	U	2018-1001	CAMO-18-148084	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.36	2.44	4.31	—	pCi/L	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/17/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	14.7	—	—	0.134	mg/L	Y	—	NQ	2018-1001	CAMO-18-148068	GELC
R-62	1158.4	01/17/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	15.7	—	—	0.268	mg/L	Y	—	NQ	2018-1500	CAMO-18-150844	GELC
R-62	1158.4	05/22/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	16.3	—	—	0.134	mg/L	Y	—	NQ	2018-2603	CAMO-18-153998	GELC
R-62	1158.4	11/09/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	17	—	—	0.268	mg/L	Y	—	NQ	N3B-2019-437	CAMO-19-164006	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	17.6	—	—	0.335	mg/L	Y	—	NQ	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	18.8	—	—	0.335	mg/L	Y	H	J-	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	16.6	—	—	0.335	mg/L	Y	—	NQ	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	18	—	—	0.335	mg/L	Y	—	NQ	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	11/17/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	260	—	—	3	µg/L	Y	—	NQ	2018-1001	CAMO-18-148068	GELC
R-62	1158.4	01/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	272	—	—	3	µg/L	Y	—	NQ	2018-1500	CAMO-18-150844	GELC
R-62	1158.4	05/22/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	236	—	—	3	µg/L	Y	—	NQ	2018-2603	CAMO-18-153998	GELC
R-62	1158.4	11/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	277	—	—	15	µg/L	Y	—	NQ	N3B-2019-437	CAMO-19-164006	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	311	—	—	3	µg/L	Y	—	NQ	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	284	—	—	3	µg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	270	—	—	3	µg/L	Y	—	NQ	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	287	—	—	3	µg/L	Y	—	NQ	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	11/17/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.55	1.39	4.67	—	pCi/L	Y	U	U	2015-355	CAMO-15-90223	GELC
R-62	1158.4	05/12/2015	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.56	0.854	5.76	—	pCi/L	Y	U	U	2015-1191	CAMO-15-95759	GELC
R-62	1158.4	05/12/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.51	1.28	5.48	—	pCi/L	Y	U	U	2015-1191	CAMO-15-95792	GELC
R-62	1158.4	11/19/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.701	1.17	4.34	—	pCi/L	Y	U	U	2016-383	CAMO-16-106114	GELC
R-62	1158.4	11/17/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.709	1.42	5.89	—	pCi/L	Y	U	U	2018-1001	CAMO-18-148084	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.457	1.17	4.84	—	pCi/L	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/17/2017	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.00167	mg/L	Y	U	U	2018-1001	CAMO-18-148084	GELC
R-62	1158.4	01/17/2018	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00216	—	—	0.00167	mg/L	Y	J	J	2018-1500	CAMO-18-150845	GELC
R-62	1158.4	05/22/2018	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00257	—	—	0.00167	mg/L	Y	J	J	2018-2603	CAMO-18-153999	GELC
R-62	1158.4	11/09/2018	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00205	—	—	0.00167	mg/L	Y	J	J	N3B-2019-437	CAMO-19-164007	GELC
R-62	1158.4	01/23/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00172	—	—	0.00167	mg/L	Y	J	J	N3B-2019-806	CAMO-19-165971	GELC
R-62	1158.4	05/14/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00359	—	—	0.00167	mg/L	Y	J	J	N3B-2019-1916	CAMO-19-175174	GELC
R-62	1158.4	07/26/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00239	—	—	0.00167	mg/L	Y	J	J	N3B-2019-2670	CAMO-19-181869	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.0045	—	—	0.00167	mg/L	Y	J	J	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/17/2014	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	10	—	—	3	µg/L	Y	U	U	2015-355	CAMO-15-90223	GELC
R-62	1158.4	05/12/2015	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	10.1	—	—	3.03	µg/L	Y	U	U	2015-1191	CAMO-15-95759	GELC
R-62	1158.4	05/12/2015	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	10.2	—	—	3.06	µg/L	Y	U	U	2015-1191	CAMO-15-95792	GELC
R-62	1158.4	11/19/2015	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	5	—	—	1.5	µg/L	Y	U	U	2016-383	CAMO-16-106114	GELC
R-62	1158.4	11/17/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3	—	—	3	µg/L	Y	U	U	2018-1001	CAMO-18-148084	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	Y	0.454	—	—	0.1	µg/L	Y	—	NQ	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.17	—	—	3.17	µg/L	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/17/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.104	—	—	0.033	mg/L	Y	—	NQ	2018-1001	CAMO-18-148068	GELC
R-62	1158.4	01/17/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.109	—	—	0.033	mg/L	Y	—	NQ	2018-1500	CAMO-18-150844	GELC
R-62	1158.4	05/22/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0868	—	—	0.033	mg/L	Y	J	J	2018-2603	CAMO-18-153998	GELC
R-62	1158.4	11/09/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.147	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-437	CAMO-19-164006	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.11	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-806	CAMO-19-165970	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-62	1158.4	05/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.197	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.306	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.258	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	11/17/2014	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.293	0.284	0.974	—	pCi/L	Y	U	U	2015-355	CAMO-15-90223	GELC
R-62	1158.4	05/12/2015	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	1.19	0.552	1.79	—	pCi/L	Y	U	U	2015-1191	CAMO-15-95759	GELC
R-62	1158.4	05/12/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.687	0.572	1.91	—	pCi/L	Y	U	U	2015-1191	CAMO-15-95792	GELC
R-62	1158.4	11/19/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.364	0.626	2.96	—	pCi/L	Y	U	U	2016-383	CAMO-16-106114	GELC
R-62	1158.4	11/17/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.53	1.01	2.66	—	pCi/L	Y	U	U	2018-1001	CAMO-18-148084	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.227	0.727	2.92	—	pCi/L	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/17/2014	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.73	0.381	1.25	—	pCi/L	Y	U	U	2015-355	CAMO-15-90223	GELC
R-62	1158.4	05/12/2015	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	1.66	0.598	1.94	—	pCi/L	Y	U	U	2015-1191	CAMO-15-95759	GELC
R-62	1158.4	05/12/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.172	0.516	1.73	—	pCi/L	Y	U	U	2015-1191	CAMO-15-95792	GELC
R-62	1158.4	11/19/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.89	0.989	2.97	—	pCi/L	Y	—	NQ	2016-383	CAMO-16-106114	GELC
R-62	1158.4	11/17/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.23	0.704	1.94	—	pCi/L	Y	—	NQ	2018-1001	CAMO-18-148084	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.98	0.816	2.23	—	pCi/L	Y	—	NQ	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/17/2017	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	0.515	—	—	0.453	mg/L	Y	J	J	2018-1001	CAMO-18-148068	GELC
R-62	1158.4	01/17/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	96.4	—	—	0.453	mg/L	Y	—	NQ	2018-1500	CAMO-18-150844	GELC
R-62	1158.4	05/22/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	85.5	—	—	0.453	mg/L	Y	—	NQ	2018-2603	CAMO-18-153998	GELC
R-62	1158.4	11/09/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	104	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-437	CAMO-19-164006	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	94.5	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	98.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	95.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	104	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	11/17/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	N	0.11	—	—	0.11	mg/L	Y	U	U	2018-1001	CAMO-18-148068	GELC
R-62	1158.4	01/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	7.16	—	—	0.11	mg/L	Y	—	NQ	2018-1500	CAMO-18-150844	GELC
R-62	1158.4	05/22/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.33	—	—	0.11	mg/L	Y	N	NQ	2018-2603	CAMO-18-153998	GELC
R-62	1158.4	11/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	8.34	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-437	CAMO-19-164006	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	7.44	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	7.36	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	7.28	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	7.94	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	11/17/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.652	—	—	0.2	µg/L	Y	—	NQ	2018-1001	CAMO-18-148068	GELC
R-62	1158.4	01/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.664	—	—	0.2	µg/L	Y	—	NQ	2018-1500	CAMO-18-150844	GELC
R-62	1158.4	05/22/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.581	—	—	0.2	µg/L	Y	—	NQ	2018-2603	CAMO-18-153998	GELC
R-62	1158.4	11/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.624	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-437	CAMO-19-164006	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.611	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.451	—	—	0.2	µg/L	Y	J	J	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	0.6	—	—	0.2	µg/L	Y	J	J	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	11/17/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.118	2.8	10.1	—	pCi/L	Y	U	U	2015-355	CAMO-15-90223	GELC
R-62	1158.4	05/12/2015	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	3.3	2.55	9.67	—	pCi/L	Y	U	U	2015-1191	CAMO-15-95759	GELC
R-62	1158.4	05/12/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	9.26	4.5	10.7	—	pCi/L	Y	U	U	2015-1191	CAMO-15-95792	GELC
R-62	1158.4	11/19/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.64	2.71	7.97	—	pCi/L	Y	U	U	2016-383	CAMO-16-106114	GELC
R-62	1158.4	11/17/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.128	2.79	10.1	—	pCi/L	Y	U	U	2018-1001	CAMO-18-148084	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.749	2.51	8.19	—	pCi/L	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/17/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	4.4	—	—	0.6	µg/L	Y	—	NQ	2018-1001	CAMO-18-148068	GELC
R-62	1158.4	01/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	5.1	—	—	0.6	µg/L	Y	—	NQ	2018-1500	CAMO-18-150844	GELC
R-62	1158.4	05/22/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	3.95	—	—	0.6	µg/L	Y	—	NQ	2018-2603	CAMO-18-153998	GELC
R-62	1158.4	11/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	5.16	—	—	3	µg/L	Y	J	J	N3B-2019-437	CAMO-19-164006	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	6.04	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	5.63	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	5.11	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	5.98	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	11/17/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.0685	—	—	0.017	mg/L	Y	—	NQ	2018-1001	CAMO-18-148068	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-62	1158.4	01/17/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.7	—	—	0.085	mg/L	Y	—	NQ	2018-1500	CAMO-18-150844	GELC
R-62	1158.4	05/22/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.88	—	—	0.085	mg/L	Y	—	NQ	2018-2603	CAMO-18-153998	GELC
R-62	1158.4	11/09/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.96	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-437	CAMO-19-164006	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.23	—	—	0.085	mg/L	Y	—	J+	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.25	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.02	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.08	—	—	0.085	mg/L	Y	—	NQ	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	11/17/2017	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.805	—	—	0.05	µg/L	Y	—	NQ	2018-1001	CAMO-18-148068	GELC
R-62	1158.4	01/17/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.838	—	—	0.05	µg/L	Y	—	NQ	2018-1500	CAMO-18-150844	GELC
R-62	1158.4	05/22/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.839	—	—	0.05	µg/L	Y	—	NQ	2018-2603	CAMO-18-153998	GELC
R-62	1158.4	11/09/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.89	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-437	CAMO-19-164006	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.85	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.871	—	—	0.05	µg/L	Y	H	NQ	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.87	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.903	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	11/17/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0182	0.00908	0.0304	—	pCi/L	Y	U	U	2015-355	CAMO-15-90223	GELC
R-62	1158.4	05/12/2015	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0246	0.0148	0.0671	—	pCi/L	Y	U	U	2015-1191	CAMO-15-95759	GELC
R-62	1158.4	05/12/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00739	0.00739	0.0336	—	pCi/L	Y	U	U	2015-1191	CAMO-15-95792	GELC
R-62	1158.4	11/19/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00422	0.00517	0.0247	—	pCi/L	Y	U	U	2016-383	CAMO-16-106114	GELC
R-62	1158.4	11/17/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00903	0.00639	0.0333	—	pCi/L	Y	U	U	2018-1001	CAMO-18-148084	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.016	0.0131	0.0484	—	pCi/L	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/17/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0113	0.00818	0.0449	—	pCi/L	Y	U	U	2015-355	CAMO-15-90223	GELC
R-62	1158.4	05/12/2015	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0246	0.0163	0.122	—	pCi/L	Y	U	U	2015-1191	CAMO-15-95759	GELC
R-62	1158.4	05/12/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00000000246	0.00921	0.0613	—	pCi/L	Y	U	U	2015-1191	CAMO-15-95792	GELC
R-62	1158.4	11/19/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0127	0.0073	0.0474	—	pCi/L	Y	U	U	2016-383	CAMO-16-106114	GELC
R-62	1158.4	11/17/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00677	0.00677	0.0476	—	pCi/L	Y	U	U	2018-1001	CAMO-18-148084	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.008	0.0122	0.047	—	pCi/L	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/17/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.302	—	—	0.05	mg/L	Y	E	NQ	2018-1001	CAMO-18-148068	GELC
R-62	1158.4	01/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.29	—	—	0.05	mg/L	Y	—	NQ	2018-1500	CAMO-18-150844	GELC
R-62	1158.4	05/22/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.31	—	—	0.05	mg/L	Y	—	NQ	2018-2603	CAMO-18-153998	GELC
R-62	1158.4	11/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.43	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-437	CAMO-19-164006	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.47	—	—	0.05	mg/L	Y	—	J+	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.34	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.42	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	11/17/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-15	16.8	60.2	—	pCi/L	Y	U	U	2015-355	CAMO-15-90223	GELC
R-62	1158.4	05/12/2015	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-4.59	16.1	63.9	—	pCi/L	Y	U	U	2015-1191	CAMO-15-95759	GELC
R-62	1158.4	05/12/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-36.3	18.9	63.4	—	pCi/L	Y	U	U	2015-1191	CAMO-15-95792	GELC
R-62	1158.4	11/19/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-37.7	15.6	50.9	—	pCi/L	Y	U	U	2016-383	CAMO-16-106114	GELC
R-62	1158.4	11/17/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-29.9	21.2	64.9	—	pCi/L	Y	U	U	2018-1001	CAMO-18-148084	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	1.77	15.6	45.5	—	pCi/L	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	03/26/2012	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.307	0.135	0.413	—	pCi/L	Y	U	U	12-1149	CAMO-12-12025	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.0948	0.0821	0.292	—	pCi/L	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.354	0.182	—	—	pCi/L	Y	—	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	03/26/2012	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	Y	0.825	0.154	0.353	—	pCi/L	Y	—	NQ	12-1149	CAMO-12-12025	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.259	0.163	0.54	—	pCi/L	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/17/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	1.51	—	—	0.053	mg/L	Y	—	NQ	2018-1001	CAMO-18-148068	GELC
R-62	1158.4	01/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	62.2	—	—	0.053	mg/L	Y	—	NQ	2018-1500	CAMO-18-150844	GELC
R-62	1158.4	05/22/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	57.6	—	—	0.053	mg/L	Y	—	NQ	2018-2603	CAMO-18-153998	GELC
R-62	1158.4	11/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	64.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-437	CAMO-19-164006	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	63.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	60.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	63	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-2670	CAMO-19-181868	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-62	1158.4	11/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	62.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	11/17/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	1.78	—	—	0.1	mg/L	Y	—	NQ	2018-1001	CAMO-18-148068	GELC
R-62	1158.4	01/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.1	—	—	0.1	mg/L	Y	—	NQ	2018-1500	CAMO-18-150844	GELC
R-62	1158.4	05/22/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.1	—	—	0.1	mg/L	Y	N	NQ	2018-2603	CAMO-18-153998	GELC
R-62	1158.4	11/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.5	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-437	CAMO-19-164006	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.8	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.4	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.6	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	11/17/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.721	1.49	5.37	—	pCi/L	Y	U	U	2015-355	CAMO-15-90223	GELC
R-62	1158.4	05/12/2015	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.16	1.31	4.66	—	pCi/L	Y	U	U	2015-1191	CAMO-15-95759	GELC
R-62	1158.4	05/12/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.436	1.18	4.7	—	pCi/L	Y	U	U	2015-1191	CAMO-15-95792	GELC
R-62	1158.4	11/19/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.599	1.19	4.46	—	pCi/L	Y	U	U	2016-383	CAMO-16-106114	GELC
R-62	1158.4	11/17/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.0118	1.28	5.19	—	pCi/L	Y	U	U	2018-1001	CAMO-18-148084	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.832	1.6	5.77	—	pCi/L	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/17/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	272	—	—	1	µS/cm	Y	—	NQ	2018-1001	CAMO-18-148068	GELC
R-62	1158.4	01/17/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	263	—	—	1	µS/cm	Y	—	NQ	2018-1500	CAMO-18-150844	GELC
R-62	1158.4	05/22/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	256	—	—	1	µS/cm	Y	—	NQ	2018-2603	CAMO-18-153998	GELC
R-62	1158.4	11/09/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	265	—	—	1	µS/cm	Y	—	NQ	N3B-2019-437	CAMO-19-164006	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	288	—	—	1	µS/cm	Y	—	NQ	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	283	—	—	1	µS/cm	Y	—	NQ	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	261	—	—	1	µS/cm	Y	—	NQ	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	263	—	—	1	µS/cm	Y	—	NQ	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	11/17/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	1.59	—	—	1	µg/L	Y	J	J	2018-1001	CAMO-18-148068	GELC
R-62	1158.4	01/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	115	—	—	1	µg/L	Y	—	NQ	2018-1500	CAMO-18-150844	GELC
R-62	1158.4	05/22/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	106	—	—	1	µg/L	Y	—	NQ	2018-2603	CAMO-18-153998	GELC
R-62	1158.4	11/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	119	—	—	1	µg/L	Y	—	NQ	N3B-2019-437	CAMO-19-164006	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	114	—	—	1	µg/L	Y	—	NQ	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	120	—	—	1	µg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	112	—	—	1	µg/L	Y	—	NQ	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	121	—	—	1	µg/L	Y	—	NQ	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	11/17/2014	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0068	0.131	0.483	—	pCi/L	Y	U	U	2015-355	CAMO-15-90223	GELC
R-62	1158.4	05/12/2015	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.236	0.0797	0.325	—	pCi/L	Y	U	U	2015-1191	CAMO-15-95759	GELC
R-62	1158.4	05/12/2015	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.224	0.119	0.478	—	pCi/L	Y	U	U	2015-1191	CAMO-15-95792	GELC
R-62	1158.4	11/19/2015	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0804	0.132	0.473	—	pCi/L	Y	U	U	2016-383	CAMO-16-106114	GELC
R-62	1158.4	11/17/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.237	0.116	0.487	—	pCi/L	Y	U	U	2018-1001	CAMO-18-148084	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.314	0.128	0.492	—	pCi/L	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/17/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	26.4	—	—	0.266	mg/L	Y	—	NQ	2018-1001	CAMO-18-148068	GELC
R-62	1158.4	01/17/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	28.6	—	—	0.532	mg/L	Y	—	NQ	2018-1500	CAMO-18-150844	GELC
R-62	1158.4	05/22/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	28.5	—	—	0.266	mg/L	Y	—	J+	2018-2603	CAMO-18-153998	GELC
R-62	1158.4	11/09/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	30.4	—	—	0.532	mg/L	Y	—	NQ	N3B-2019-437	CAMO-19-164006	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	30.2	—	—	0.665	mg/L	Y	—	NQ	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	33	—	—	0.665	mg/L	Y	H	J-	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	28.7	—	—	0.665	mg/L	Y	—	NQ	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	31.1	—	—	0.665	mg/L	Y	—	NQ	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	11/17/2017	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-1001	CAMO-18-148068	GELC
R-62	1158.4	11/17/2017	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-1001	CAMO-18-148084	GELC
R-62	1158.4	01/17/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	2018-1500	CAMO-18-150844	GELC
R-62	1158.4	01/17/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	2018-1500	CAMO-18-150845	GELC
R-62	1158.4	05/22/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	2018-2603	CAMO-18-153998	GELC
R-62	1158.4	05/22/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	2018-2603	CAMO-18-153999	GELC
R-62	1158.4	11/09/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-437	CAMO-19-164006	GELC
R-62	1158.4	11/09/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-437	CAMO-19-164007	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-62	1158.4	01/23/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	01/23/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-806	CAMO-19-165971	GELC
R-62	1158.4	05/14/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-1916	CAMO-19-175174	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	07/26/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-2670	CAMO-19-181869	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/17/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	3.02	—	—	2.5	µg/L	Y	J	J	2018-1001	CAMO-18-148068	GELC
R-62	1158.4	01/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	2018-1500	CAMO-18-150844	GELC
R-62	1158.4	05/22/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	2018-2603	CAMO-18-153998	GELC
R-62	1158.4	11/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	7.82	—	—	2.5	µg/L	Y	J	J	N3B-2019-437	CAMO-19-164006	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	17.8	—	—	2.5	µg/L	Y	—	NQ	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	21.7	—	—	2.5	µg/L	Y	—	J+	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	11/17/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	197	—	—	3.4	mg/L	Y	—	NQ	2018-1001	CAMO-18-148068	GELC
R-62	1158.4	01/17/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	154	—	—	3.4	mg/L	Y	—	NQ	2018-1500	CAMO-18-150844	GELC
R-62	1158.4	05/22/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	201	—	—	3.4	mg/L	Y	—	NQ	2018-2603	CAMO-18-153998	GELC
R-62	1158.4	11/09/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	194	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-437	CAMO-19-164006	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	220	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	271	—	—	3.4	mg/L	Y	H	NQ	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	236	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	186	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	11/17/2017	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	2018-1001	CAMO-18-148084	GELC
R-62	1158.4	01/17/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	2018-1500	CAMO-18-150845	GELC
R-62	1158.4	05/22/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	2018-2603	CAMO-18-153999	GELC
R-62	1158.4	11/09/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0611	—	—	0.033	mg/L	Y	J	J	N3B-2019-437	CAMO-19-164007	GELC
R-62	1158.4	01/23/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0412	—	—	0.033	mg/L	Y	J	J	N3B-2019-806	CAMO-19-165971	GELC
R-62	1158.4	05/14/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.145	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175174	GELC
R-62	1158.4	07/26/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0509	—	—	0.033	mg/L	Y	J	J	N3B-2019-2670	CAMO-19-181869	GELC
R-62	1158.4	05/22/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	2018-2603	CAMO-18-153999	GELC
R-62	1158.4	11/09/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2019-437	CAMO-19-164007	GELC
R-62	1158.4	01/23/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2019-806	CAMO-19-165971	GELC
R-62	1158.4	05/14/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	UH	U	N3B-2019-2011	CAMO-19-175174	GELC
R-62	1158.4	07/26/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.33	—	—	0.33	mg/L	Y	J	J	N3B-2019-2670	CAMO-19-181869	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.53	—	—	0.33	mg/L	Y	J	J	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	01/17/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0301	—	—	0.02	mg/L	Y	J	J	2018-1500	CAMO-18-150844	GELC
R-62	1158.4	05/22/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	—	0.02	mg/L	Y	U	U	2018-2603	CAMO-18-153998	GELC
R-62	1158.4	11/09/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.03	—	—	0.02	mg/L	Y	J	U	N3B-2019-437	CAMO-19-164006	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.043	—	—	0.02	mg/L	Y	J	U	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0298	—	—	0.02	mg/L	Y	J	J	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.131	—	—	0.02	mg/L	Y	—	NQ	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	11/17/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.786	—	—	0.067	µg/L	Y	—	NQ	2018-1001	CAMO-18-148068	GELC
R-62	1158.4	01/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.788	—	—	0.067	µg/L	Y	—	NQ	2018-1500	CAMO-18-150844	GELC
R-62	1158.4	05/22/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.749	—	—	0.067	µg/L	Y	—	NQ	2018-2603	CAMO-18-153998	GELC
R-62	1158.4	11/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.771	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-437	CAMO-19-164006	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.86	—	—	0.067	µg/L	Y	—	J+	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.81	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.846	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.929	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	11/17/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.666	0.0586	0.0961	—	pCi/L	Y	—	NQ	2015-355	CAMO-15-90223	GELC
R-62	1158.4	05/12/2015	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.496	0.0435	0.0803	—	pCi/L	Y	—	NQ	2015-1191	CAMO-15-95759	GELC
R-62	1158.4	05/12/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.54	0.0425	0.0692	—	pCi/L	Y	—	NQ	2015-1191	CAMO-15-95792	GELC
R-62	1158.4	11/19/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.526	0.0353	0.0767	—	pCi/L	Y	—	NQ	2016-383	CAMO-16-106114	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-62	1158.4	11/17/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.706	0.0497	0.167	—	pCi/L	Y	—	NQ	2018-1001	CAMO-18-148084	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.608	0.0451	0.0656	—	pCi/L	Y	—	NQ	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/17/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0	0.0116	0.0837	—	pCi/L	Y	U	U	2015-355	CAMO-15-90223	GELC
R-62	1158.4	05/12/2015	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0131	0.0115	0.0515	—	pCi/L	Y	U	U	2015-1191	CAMO-15-95759	GELC
R-62	1158.4	05/12/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0188	0.0145	0.0444	—	pCi/L	Y	U	U	2015-1191	CAMO-15-95792	GELC
R-62	1158.4	11/19/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0232	0.0101	0.0669	—	pCi/L	Y	U	U	2016-383	CAMO-16-106114	GELC
R-62	1158.4	11/17/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.179	0.0279	0.0724	—	pCi/L	Y	—	NQ	2018-1001	CAMO-18-148084	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0287	0.0125	0.047	—	pCi/L	Y	U	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/17/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.258	0.0366	0.092	—	pCi/L	Y	—	NQ	2015-355	CAMO-15-90223	GELC
R-62	1158.4	05/12/2015	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.271	0.0317	0.0677	—	pCi/L	Y	—	NQ	2015-1191	CAMO-15-95759	GELC
R-62	1158.4	05/12/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.27	0.0293	0.0584	—	pCi/L	Y	—	NQ	2015-1191	CAMO-15-95792	GELC
R-62	1158.4	11/19/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.251	0.0248	0.0758	—	pCi/L	Y	—	NQ	2016-383	CAMO-16-106114	GELC
R-62	1158.4	11/17/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.326	0.0345	0.098	—	pCi/L	Y	—	NQ	2018-1001	CAMO-18-148084	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.316	0.0333	0.0768	—	pCi/L	Y	—	NQ	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	11/17/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	N	1	—	—	1	µg/L	Y	U	U	2018-1001	CAMO-18-148068	GELC
R-62	1158.4	01/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.72	—	—	1	µg/L	Y	J	J	2018-1500	CAMO-18-150844	GELC
R-62	1158.4	05/22/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.73	—	—	1	µg/L	Y	J	J	2018-2603	CAMO-18-153998	GELC
R-62	1158.4	11/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.56	—	—	1	µg/L	Y	J	J	N3B-2019-437	CAMO-19-164006	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.04	—	—	1	µg/L	Y	J	J	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.4	—	—	1	µg/L	Y	J	J	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.93	—	—	1	µg/L	Y	J	J	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.58	—	—	1	µg/L	Y	J	J	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	11/17/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	10.9	—	—	3.3	µg/L	Y	—	NQ	2018-1001	CAMO-18-148068	GELC
R-62	1158.4	01/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	16.5	—	—	16.5	µg/L	Y	U	U	2018-1500	CAMO-18-150844	GELC
R-62	1158.4	05/22/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	2018-2603	CAMO-18-153998	GELC
R-62	1158.4	11/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	4.11	—	—	3.3	µg/L	Y	J	J	N3B-2019-437	CAMO-19-164006	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	5.49	—	—	3.3	µg/L	Y	J	J	N3B-2019-806	CAMO-19-165970	GELC
R-67	1242.6	11/10/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.29	—	—	0.01	SU	Y	H	NQ	2018-853	CASA-18-147995	GELC
R-67	1242.6	01/22/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.26	—	—	0.01	SU	Y	H	NQ	2018-1535	CASA-18-150855	GELC
R-67	1242.6	05/21/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.34	—	—	0.01	SU	Y	H	NQ	2018-2595	CASA-18-154776	GELC
R-67	1242.6	11/05/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.34	—	—	0.01	SU	Y	H	NQ	N3B-2019-386	CASA-19-164032	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.17	—	—	0.01	SU	Y	H	NQ	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.19	—	—	0.01	SU	Y	H	NQ	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.27	—	—	0.01	SU	Y	H	NQ	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.37	—	—	0.01	SU	Y	H	NQ	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.21	—	—	0.01	SU	Y	H	NQ	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	11/10/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	84.7	—	—	1.45	mg/L	Y	—	NQ	2018-853	CASA-18-147995	GELC
R-67	1242.6	01/22/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	83	—	—	1.45	mg/L	Y	—	NQ	2018-1535	CASA-18-150855	GELC
R-67	1242.6	05/21/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	82.8	—	—	1.45	mg/L	Y	—	NQ	2018-2595	CASA-18-154776	GELC
R-67	1242.6	11/05/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	82.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-386	CASA-19-164032	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	83.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	84.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	82.3	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	84.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	81.7	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	12/03/2015	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.014	0.00838	0.0469	—	pCi/L	Y	U	U	2016-457	CASA-16-106063	GELC
R-67	1242.6	05/10/2016	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00469	0.00469	0.0461	—	pCi/L	Y	U	U	2016-1178	CAMO-16-115267	GELC
R-67	1242.6	11/16/2016	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0113	0.0105	0.0702	—	pCi/L	Y	U	U	2017-484	CASA-17-127277	GELC
R-67	1242.6	11/10/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.018	0.00674	0.0321	—	pCi/L	Y	U	U	2018-853	CASA-18-148002	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0173	0.00636	0.0384	—	pCi/L	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/10/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.05	—	—	2	µg/L	Y	J	J	2018-853	CASA-18-147995	GELC
R-67	1242.6	01/22/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.57	—	—	2	µg/L	Y	J	J	2018-1535	CASA-18-150855	GELC
R-67	1242.6	05/21/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.05	—	—	2	µg/L	Y	J	J	2018-2595	CASA-18-154776	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-67	1242.6	11/05/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.49	—	—	2	µg/L	Y	J	J	N3B-2019-386	CASA-19-164032	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.72	—	—	2	µg/L	Y	J	J	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	Y	3.47	—	—	2	µg/L	Y	J	J	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.25	—	—	2	µg/L	Y	J	J	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.89	—	—	2	µg/L	Y	J	J	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	11/10/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	20.4	—	—	1	µg/L	Y	—	NQ	2018-853	CASA-18-147995	GELC
R-67	1242.6	01/22/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	18.5	—	—	1	µg/L	Y	—	NQ	2018-1535	CASA-18-150855	GELC
R-67	1242.6	05/21/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	17.5	—	—	1	µg/L	Y	—	NQ	2018-2595	CASA-18-154776	GELC
R-67	1242.6	11/05/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	18.3	—	—	1	µg/L	Y	—	NQ	N3B-2019-386	CASA-19-164032	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	17.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	17.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	15.4	—	—	1	µg/L	Y	—	NQ	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	18	—	—	1	µg/L	Y	—	NQ	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	15.7	—	—	1	µg/L	Y	—	NQ	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	11/10/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	15.5	—	—	0.05	mg/L	Y	—	NQ	2018-853	CASA-18-147995	GELC
R-67	1242.6	01/22/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	15.4	—	—	0.05	mg/L	Y	E	NQ	2018-1535	CASA-18-150855	GELC
R-67	1242.6	05/21/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	14.1	—	—	0.05	mg/L	Y	—	NQ	2018-2595	CASA-18-154776	GELC
R-67	1242.6	11/05/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	15.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-386	CASA-19-164032	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	15.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	15.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	14.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	15.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	12/03/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.621	1.24	4.18	—	pCi/L	Y	U	U	2016-457	CASA-16-106063	GELC
R-67	1242.6	05/10/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.103	1.08	3.92	—	pCi/L	Y	U	U	2016-1178	CAMO-16-115267	GELC
R-67	1242.6	11/16/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.25	1.17	4.33	—	pCi/L	Y	U	U	2017-484	CASA-17-127277	GELC
R-67	1242.6	11/10/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.29	1.68	5.65	—	pCi/L	Y	U	U	2018-853	CASA-18-148002	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.0227	1.15	4.3	—	pCi/L	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/10/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.19	—	—	0.067	mg/L	Y	—	NQ	2018-853	CASA-18-147995	GELC
R-67	1242.6	01/22/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.16	—	—	0.067	mg/L	Y	—	NQ	2018-1535	CASA-18-150855	GELC
R-67	1242.6	05/21/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.11	—	—	0.067	mg/L	Y	—	NQ	2018-2595	CASA-18-154776	GELC
R-67	1242.6	11/05/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.21	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-386	CASA-19-164032	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.13	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.11	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.2	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.2	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.37	—	—	0.067	mg/L	Y	—	J+	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	11/10/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	8.4	—	—	3	µg/L	Y	J	J	2018-853	CASA-18-147995	GELC
R-67	1242.6	01/22/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	8.55	—	—	3	µg/L	Y	J	J	2018-1535	CASA-18-150855	GELC
R-67	1242.6	05/21/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	7.51	—	—	3	µg/L	Y	J	J	2018-2595	CASA-18-154776	GELC
R-67	1242.6	11/05/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	7.6	—	—	3	µg/L	Y	J	J	N3B-2019-386	CASA-19-164032	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	9.25	—	—	3	µg/L	Y	J	J	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	9.36	—	—	3	µg/L	Y	J	J	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	7.93	—	—	3	µg/L	Y	J	J	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	7.77	—	—	3	µg/L	Y	J	J	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	7.5	—	—	3	µg/L	Y	J	J	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	12/03/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.0597	1.5	5.57	—	pCi/L	Y	U	U	2016-457	CASA-16-106063	GELC
R-67	1242.6	05/10/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.564	1.1	4.25	—	pCi/L	Y	U	U	2016-1178	CAMO-16-115267	GELC
R-67	1242.6	11/16/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.441	1.06	4.12	—	pCi/L	Y	U	U	2017-484	CASA-17-127277	GELC
R-67	1242.6	11/10/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.36	1.23	5.3	—	pCi/L	Y	U	U	2018-853	CASA-18-148002	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.279	1.5	5.68	—	pCi/L	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/10/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.078	—	—	0.033	mg/L	Y	J	J	2018-853	CASA-18-147995	GELC
R-67	1242.6	01/22/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0788	—	—	0.033	mg/L	Y	J	J	2018-1535	CASA-18-150855	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-67	1242.6	05/21/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0855	—	—	0.033	mg/L	Y	J	J	2018-2595	CASA-18-154776	GELC
R-67	1242.6	11/05/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.124	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-386	CASA-19-164032	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.129	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.161	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.257	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.313	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	12/03/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.44	0.882	2.9	—	pCi/L	Y	U	U	2016-457	CASA-16-106063	GELC
R-67	1242.6	05/10/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	3.44	0.926	2.15	—	pCi/L	Y	—	NQ	2016-1178	CAMO-16-115267	GELC
R-67	1242.6	11/16/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.08	0.697	2.32	—	pCi/L	Y	U	U	2017-484	CASA-17-127277	GELC
R-67	1242.6	11/10/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.19	0.547	1.68	—	pCi/L	Y	U	U	2018-853	CASA-18-148002	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.28	0.987	2.73	—	pCi/L	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	12/03/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.92	0.697	2.05	—	pCi/L	Y	—	NQ	2016-457	CASA-16-106063	GELC
R-67	1242.6	05/10/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.58	0.923	2.81	—	pCi/L	Y	—	NQ	2016-1178	CAMO-16-115267	GELC
R-67	1242.6	11/16/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.864	0.495	1.56	—	pCi/L	Y	U	U	2017-484	CASA-17-127277	GELC
R-67	1242.6	11/10/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.17	0.887	2.71	—	pCi/L	Y	U	U	2018-853	CASA-18-148002	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.22	0.693	2.16	—	pCi/L	Y	—	NQ	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/10/2017	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	62.2	—	—	0.453	mg/L	Y	—	NQ	2018-853	CASA-18-147995	GELC
R-67	1242.6	01/22/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	61.1	—	—	0.453	mg/L	Y	—	NQ	2018-1535	CASA-18-150855	GELC
R-67	1242.6	05/21/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	55.9	—	—	0.453	mg/L	Y	—	NQ	2018-2595	CASA-18-154776	GELC
R-67	1242.6	11/05/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	62.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-386	CASA-19-164032	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	62.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	62.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	58.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	66	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	60.5	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	11/10/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.69	—	—	0.11	mg/L	Y	—	NQ	2018-853	CASA-18-147995	GELC
R-67	1242.6	01/22/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.54	—	—	0.11	mg/L	Y	—	NQ	2018-1535	CASA-18-150855	GELC
R-67	1242.6	05/21/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.01	—	—	0.11	mg/L	Y	—	NQ	2018-2595	CASA-18-154776	GELC
R-67	1242.6	11/05/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.04	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-386	CASA-19-164032	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.73	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.69	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.47	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.87	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.47	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	11/10/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.889	—	—	0.2	µg/L	Y	—	NQ	2018-853	CASA-18-147995	GELC
R-67	1242.6	01/22/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.949	—	—	0.2	µg/L	Y	—	NQ	2018-1535	CASA-18-150855	GELC
R-67	1242.6	05/21/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.928	—	—	0.2	µg/L	Y	—	NQ	2018-2595	CASA-18-154776	GELC
R-67	1242.6	11/05/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.772	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-386	CASA-19-164032	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.769	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.818	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.718	—	—	0.2	µg/L	Y	J	J	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.78	—	—	0.2	µg/L	Y	J	J	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	0.833	—	—	0.2	µg/L	Y	J	J	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	12/03/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.93	2.39	8.74	—	pCi/L	Y	U	U	2016-457	CASA-16-106063	GELC
R-67	1242.6	05/10/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.06	2.14	7.61	—	pCi/L	Y	U	U	2016-1178	CAMO-16-115267	GELC
R-67	1242.6	11/16/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.503	2.14	7.66	—	pCi/L	Y	U	U	2017-484	CASA-17-127277	GELC
R-67	1242.6	11/10/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	3	2.77	10.4	—	pCi/L	Y	U	U	2018-853	CASA-18-148002	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.22	1.9	6.5	—	pCi/L	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/10/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.951	—	—	0.6	µg/L	Y	J	J	2018-853	CASA-18-147995	GELC
R-67	1242.6	01/22/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.818	—	—	0.6	µg/L	Y	J	J	2018-1535	CASA-18-150855	GELC
R-67	1242.6	05/21/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.6	—	—	0.6	µg/L	Y	U	U	2018-2595	CASA-18-154776	GELC
R-67	1242.6	11/05/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.6	—	—	0.6	µg/L	Y	U	U	N3B-2019-386	CASA-19-164032	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.745	—	—	0.6	µg/L	Y	J	J	N3B-2019-739	CASA-19-166006	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-67	1242.6	01/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.764	—	—	0.6	µg/L	Y	J	J	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	11/10/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.362	—	—	0.017	mg/L	Y	—	NQ	2018-853	CASA-18-147995	GELC
R-67	1242.6	01/22/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.474	—	—	0.017	mg/L	Y	—	NQ	2018-1535	CASA-18-150855	GELC
R-67	1242.6	05/21/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.468	—	—	0.017	mg/L	Y	—	NQ	2018-2595	CASA-18-154776	GELC
R-67	1242.6	11/05/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.419	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-386	CASA-19-164032	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.369	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.368	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.392	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.38	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.414	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	11/10/2017	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.317	—	—	0.05	µg/L	Y	—	NQ	2018-853	CASA-18-147995	GELC
R-67	1242.6	01/22/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.346	—	—	0.05	µg/L	Y	—	NQ	2018-1535	CASA-18-150855	GELC
R-67	1242.6	05/21/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.327	—	—	0.05	µg/L	Y	—	NQ	2018-2595	CASA-18-154776	GELC
R-67	1242.6	11/05/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.342	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-386	CASA-19-164032	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.376	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.356	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.333	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.323	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.345	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanoic acid	335-67-1	Y	0.878	—	—	0.625	ng/L	Y	J	J	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	12/03/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0133	0.0103	0.0526	—	pCi/L	Y	U	U	2016-457	CASA-16-106063	GELC
R-67	1242.6	05/10/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00593	0.00593	0.0398	—	pCi/L	Y	U	U	2016-1178	CAMO-16-115267	GELC
R-67	1242.6	11/16/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0429	0.0238	0.0585	—	pCi/L	Y	U	U	2017-484	CASA-17-127277	GELC
R-67	1242.6	11/10/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0125	0.0265	0.0919	—	pCi/L	Y	U	U	2018-853	CASA-18-148002	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0034	0.00947	0.0367	—	pCi/L	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	12/03/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00392	0.00913	0.0455	—	pCi/L	Y	U	U	2016-457	CASA-16-106063	GELC
R-67	1242.6	05/10/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0119	0.00625	0.035	—	pCi/L	Y	U	U	2016-1178	CAMO-16-115267	GELC
R-67	1242.6	11/16/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00252	0.0104	0.0442	—	pCi/L	Y	U	U	2017-484	CASA-17-127277	GELC
R-67	1242.6	11/10/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00000000208	0.0153	0.131	—	pCi/L	Y	U	U	2018-853	CASA-18-148002	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0119	0.00833	0.0356	—	pCi/L	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/10/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.83	—	—	0.05	mg/L	Y	—	NQ	2018-853	CASA-18-147995	GELC
R-67	1242.6	01/22/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.64	—	—	0.05	mg/L	Y	—	NQ	2018-1535	CASA-18-150855	GELC
R-67	1242.6	05/21/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.64	—	—	0.05	mg/L	Y	—	NQ	2018-2595	CASA-18-154776	GELC
R-67	1242.6	11/05/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.84	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-386	CASA-19-164032	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.79	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	1.84	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.66	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.78	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	12/03/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	3.65	20.7	35.6	—	pCi/L	Y	U	U	2016-457	CASA-16-106063	GELC
R-67	1242.6	05/10/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-26.4	13.5	43.5	—	pCi/L	Y	U	U	2016-1178	CAMO-16-115267	GELC
R-67	1242.6	11/16/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	9.33	33.6	40.7	—	pCi/L	Y	U	U	2017-484	CASA-17-127277	GELC
R-67	1242.6	11/10/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-44.1	22	83.2	—	pCi/L	Y	U	U	2018-853	CASA-18-148002	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	23.6	15.8	68.1	—	pCi/L	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.444	0.261	0.85	—	pCi/L	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.444	0.299	—	—	pCi/L	Y	—	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.0401	0.147	0.563	—	pCi/L	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/10/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.1	—	—	0.053	mg/L	Y	—	NQ	2018-853	CASA-18-147995	GELC
R-67	1242.6	01/22/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.5	—	—	0.053	mg/L	Y	—	NQ	2018-1535	CASA-18-150855	GELC
R-67	1242.6	05/21/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	64.6	—	—	0.053	mg/L	Y	—	NQ	2018-2595	CASA-18-154776	GELC
R-67	1242.6	11/05/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-386	CASA-19-164032	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-739	CASA-19-166008	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-67	1242.6	05/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	72.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	69	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	11/10/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.3	—	—	0.1	mg/L	Y	—	NQ	2018-853	CASA-18-147995	GELC
R-67	1242.6	01/22/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.2	—	—	0.1	mg/L	Y	E	J+	2018-1535	CASA-18-150855	GELC
R-67	1242.6	05/21/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11	—	—	0.1	mg/L	Y	—	NQ	2018-2595	CASA-18-154776	GELC
R-67	1242.6	11/05/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-386	CASA-19-164032	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.9	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.9	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.8	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.7	—	—	0.1	mg/L	Y	N	J-	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	12/03/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.26	1.11	3.43	—	pCi/L	Y	U	U	2016-457	CASA-16-106063	GELC
R-67	1242.6	05/10/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.03	0.934	3.18	—	pCi/L	Y	U	U	2016-1178	CAMO-16-115267	GELC
R-67	1242.6	11/16/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.05	1.18	4.05	—	pCi/L	Y	U	U	2017-484	CASA-17-127277	GELC
R-67	1242.6	11/10/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.5	1.42	4.61	—	pCi/L	Y	U	U	2018-853	CASA-18-148002	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.278	0.899	3.64	—	pCi/L	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/10/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	180	—	—	1	µS/cm	Y	—	NQ	2018-853	CASA-18-147995	GELC
R-67	1242.6	01/22/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	173	—	—	1	µS/cm	Y	—	NQ	2018-1535	CASA-18-150855	GELC
R-67	1242.6	05/21/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	174	—	—	1	µS/cm	Y	—	NQ	2018-2595	CASA-18-154776	GELC
R-67	1242.6	11/05/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	173	—	—	1	µS/cm	Y	—	NQ	N3B-2019-386	CASA-19-164032	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	171	—	—	1	µS/cm	Y	—	NQ	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	170	—	—	1	µS/cm	Y	—	NQ	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	173	—	—	1	µS/cm	Y	—	NQ	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	175	—	—	1	µS/cm	Y	—	NQ	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	147	—	—	1	µS/cm	Y	—	NQ	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	11/10/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	83.9	—	—	1	µg/L	Y	—	NQ	2018-853	CASA-18-147995	GELC
R-67	1242.6	01/22/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	77.2	—	—	1	µg/L	Y	—	NQ	2018-1535	CASA-18-150855	GELC
R-67	1242.6	05/21/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	75.8	—	—	1	µg/L	Y	—	NQ	2018-2595	CASA-18-154776	GELC
R-67	1242.6	11/05/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	80.4	—	—	1	µg/L	Y	—	NQ	N3B-2019-386	CASA-19-164032	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	79.3	—	—	1	µg/L	Y	—	NQ	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	78.4	—	—	1	µg/L	Y	—	NQ	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	70.5	—	—	1	µg/L	Y	—	NQ	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	82.1	—	—	1	µg/L	Y	—	NQ	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	77.5	—	—	1	µg/L	Y	—	NQ	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	12/03/2015	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0588	0.137	0.495	—	pCi/L	Y	U	U	2016-457	CASA-16-106063	GELC
R-67	1242.6	05/10/2016	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.21	0.142	0.477	—	pCi/L	Y	U	U	2016-1178	CAMO-16-115267	GELC
R-67	1242.6	11/16/2016	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.331	0.137	0.424	—	pCi/L	Y	U	U	2017-484	CASA-17-127277	GELC
R-67	1242.6	11/10/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.351	0.119	0.453	—	pCi/L	Y	U	U	2018-853	CASA-18-148002	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.18	0.143	0.488	—	pCi/L	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/10/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.19	—	—	0.133	mg/L	Y	—	NQ	2018-853	CASA-18-147995	GELC
R-67	1242.6	01/22/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.27	—	—	0.133	mg/L	Y	—	NQ	2018-1535	CASA-18-150855	GELC
R-67	1242.6	05/21/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.39	—	—	0.133	mg/L	Y	—	J+	2018-2595	CASA-18-154776	GELC
R-67	1242.6	11/05/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.94	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-386	CASA-19-164032	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.74	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.71	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.71	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.77	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.88	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	11/10/2017	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-853	CASA-18-147995	GELC
R-67	1242.6	11/10/2017	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-853	CASA-18-148002	GELC
R-67	1242.6	01/22/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-1535	CASA-18-150855	GELC
R-67	1242.6	01/22/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-1535	CASA-18-150856	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-67	1242.6	05/21/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	2018-2595	CASA-18-154776	GELC
R-67	1242.6	05/21/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	2018-2595	CASA-18-154777	GELC
R-67	1242.6	11/05/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-386	CASA-19-164032	GELC
R-67	1242.6	11/05/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-386	CASA-19-164033	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-739	CASA-19-166007	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	01/09/2019	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-739	CASA-19-166009	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	05/10/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-1877	CASA-19-175200	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	07/24/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-2645	CASA-19-182716	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	5	—	—	—	deg C	Y	—	NQ	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	5	—	—	—	deg C	Y	—	NQ	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/10/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	2018-853	CASA-18-147995	GELC
R-67	1242.6	01/22/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	2018-1535	CASA-18-150855	GELC
R-67	1242.6	05/21/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	2018-2595	CASA-18-154776	GELC
R-67	1242.6	11/05/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	7.62	—	—	2.5	µg/L	Y	J	J	N3B-2019-386	CASA-19-164032	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	7.07	—	—	2.5	µg/L	Y	J	J	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Tin	Sn	Y	3.57	—	—	2.5	µg/L	Y	J	J	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	11/10/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	127	—	—	3.4	mg/L	Y	—	NQ	2018-853	CASA-18-147995	GELC
R-67	1242.6	01/22/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	239	—	—	3.4	mg/L	Y	—	NQ	2018-1535	CASA-18-150855	GELC
R-67	1242.6	05/21/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	140	—	—	3.4	mg/L	Y	—	NQ	2018-2595	CASA-18-154776	GELC
R-67	1242.6	11/05/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	180	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-386	CASA-19-164032	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	163	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	167	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	139	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	173	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	42.9	—	—	3.4	mg/L	Y	—	J+	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	11/10/2017	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.515	—	—	0.33	mg/L	Y	J	J	2018-853	CASA-18-148002	GELC
R-67	1242.6	01/22/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	2018-1535	CASA-18-150856	GELC
R-67	1242.6	05/21/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	2018-2595	CASA-18-154777	GELC
R-67	1242.6	11/05/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2019-386	CASA-19-164033	GELC
R-67	1242.6	01/09/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.341	—	—	0.33	mg/L	Y	J	J	N3B-2019-739	CASA-19-166007	GELC
R-67	1242.6	01/09/2019	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.337	—	—	0.33	mg/L	Y	J	J	N3B-2019-739	CASA-19-166009	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.341	—	—	0.33	mg/L	Y	J	J	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Total PFAS	PFAS-Tot-3a	Y	0.878	—	—	1.79	ng/L	—	J	—	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/10/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0899	—	—	0.02	mg/L	Y	—	NQ	2018-853	CASA-18-147995	GELC
R-67	1242.6	01/22/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0319	—	—	0.02	mg/L	Y	J	J	2018-1535	CASA-18-150855	GELC
R-67	1242.6	05/21/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	—	0.02	mg/L	Y	U	U	2018-2595	CASA-18-154776	GELC
R-67	1242.6	11/05/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0547	—	—	0.02	mg/L	Y	—	U	N3B-2019-386	CASA-19-164032	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0252	—	—	0.02	mg/L	Y	J	J	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0268	—	—	0.02	mg/L	Y	J	J	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.406	—	—	0.02	mg/L	Y	—	J+	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.134	—	—	0.02	mg/L	Y	—	NQ	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	05/03/2017	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	2.209	0.886	2.646	—	pCi/L	Y	U	U	2017-1483	CASA-17-132334	ARSL
R-67	1242.6	05/03/2017	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.492	0.674	2.244	—	pCi/L	Y	U	U	2017-1483	CASA-17-132337	ARSL
R-67	1242.6	11/10/2017	WG	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	N	16.1	41.7	144	—	pCi/L	Y	U	U	2018-853	CASA-18-148002	GELC
R-67	1242.6	11/10/2017	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-5.387	1.471	4.508	—	pCi/L	Y	QU	U	2018-932	CASA-18-148002	ARSL
R-67	1242.6	05/21/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.208	0.819	2.765	—	pCi/L	Y	U	U	2018-2697	CASA-18-154777	ARSL
R-67	1242.6	11/05/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.714	0.836	2.766	—	pCi/L	Y	U*	U	N3B-2019-418	CASA-19-164033	ARSL
R-67	1242.6	05/10/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.459	0.864	2.942	—	pCi/L	Y	U	U	N3B-2019-1983	CASA-19-175200	ARSL
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.256	0.956	3.099	—	pCi/L	Y	U	U	N3B-2020-282	CASA-20-189235	ARSL
R-67	1242.6	11/10/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.09	—	—	0.067	µg/L	Y	—	NQ	2018-853	CASA-18-147995	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
R-67	1242.6	01/22/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.11	—	—	0.067	µg/L	Y	—	NQ	2018-1535	CASA-18-150855	GELC
R-67	1242.6	05/21/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.08	—	—	0.067	µg/L	Y	—	NQ	2018-2595	CASA-18-154776	GELC
R-67	1242.6	11/05/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.04	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-386	CASA-19-164032	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.04	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.994	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.97	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.993	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	12/03/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.3	0.0584	0.1	—	pCi/L	Y	—	NQ	2016-457	CASA-16-106063	GELC
R-67	1242.6	05/10/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.27	0.0587	0.105	—	pCi/L	Y	—	NQ	2016-1178	CAMO-16-115267	GELC
R-67	1242.6	11/16/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.3	0.0774	0.183	—	pCi/L	Y	—	NQ	2017-484	CASA-17-127277	GELC
R-67	1242.6	11/10/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.04	0.0501	0.117	—	pCi/L	Y	—	NQ	2018-853	CASA-18-148002	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.874	0.0496	0.0598	—	pCi/L	Y	—	NQ	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	12/03/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0383	0.0128	0.0686	—	pCi/L	Y	U	U	2016-457	CASA-16-106063	GELC
R-67	1242.6	05/10/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.085	0.0179	0.0716	—	pCi/L	Y	—	NQ	2016-1178	CAMO-16-115267	GELC
R-67	1242.6	11/16/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0336	0.0154	0.124	—	pCi/L	Y	U	U	2017-484	CASA-17-127277	GELC
R-67	1242.6	11/10/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.113	0.0195	0.0507	—	pCi/L	Y	—	NQ	2018-853	CASA-18-148002	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0269	0.0126	0.0426	—	pCi/L	Y	U	U	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	12/03/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.56	0.0384	0.0861	—	pCi/L	Y	—	NQ	2016-457	CASA-16-106063	GELC
R-67	1242.6	05/10/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.627	0.0412	0.068	—	pCi/L	Y	—	NQ	2016-1178	CAMO-16-115267	GELC
R-67	1242.6	11/16/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.566	0.0517	0.141	—	pCi/L	Y	—	J	2017-484	CASA-17-127277	GELC
R-67	1242.6	11/10/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.351	0.0311	0.0686	—	pCi/L	Y	—	NQ	2018-853	CASA-18-148002	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.338	0.0315	0.0701	—	pCi/L	Y	—	NQ	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/10/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.36	—	—	1	µg/L	Y	—	NQ	2018-853	CASA-18-147995	GELC
R-67	1242.6	01/22/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.52	—	—	1	µg/L	Y	—	NQ	2018-1535	CASA-18-150855	GELC
R-67	1242.6	05/21/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.51	—	—	1	µg/L	Y	—	NQ	2018-2595	CASA-18-154776	GELC
R-67	1242.6	11/05/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.37	—	—	1	µg/L	Y	—	NQ	N3B-2019-386	CASA-19-164032	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.33	—	—	1	µg/L	Y	—	NQ	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.19	—	—	1	µg/L	Y	—	NQ	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.77	—	—	1	µg/L	Y	—	NQ	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.49	—	—	1	µg/L	Y	—	NQ	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.98	—	—	1	µg/L	Y	—	NQ	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	11/10/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	2018-853	CASA-18-147995	GELC
R-67	1242.6	01/22/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	2018-1535	CASA-18-150855	GELC
R-67	1242.6	05/21/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	2018-2595	CASA-18-154776	GELC
R-67	1242.6	11/05/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	4.19	—	—	3.3	µg/L	Y	J	J	N3B-2019-386	CASA-19-164032	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	3.43	—	—	3.3	µg/L	Y	J	J	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Zinc	Zn	Y	3.35	—	—	3.3	µg/L	Y	J	J	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	4.03	—	—	3.3	µg/L	Y	J	J	N3B-2020-275	CASA-20-189234	GELC
SCI-1	358.4	11/15/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.7	—	—	0.01	SU	Y	H	NQ	2017-472	CASA-17-127307	GELC
SCI-1	358.4	11/13/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.71	—	—	0.01	SU	Y	H	NQ	2018-888	CASA-18-147996	GELC
SCI-1	358.4	05/09/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.49	—	—	0.01	SU	Y	H	NQ	2018-2526	CASA-18-154756	GELC
SCI-1	358.4	11/13/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.66	—	—	0.01	SU	Y	H	NQ	N3B-2019-459	CASA-19-164011	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.48	—	—	0.01	SU	Y	H	NQ	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.79	—	—	0.01	SU	Y	H	NQ	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	11/15/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	102	—	—	1.45	mg/L	Y	—	NQ	2017-472	CASA-17-127307	GELC
SCI-1	358.4	11/13/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	102	—	—	1.45	mg/L	Y	—	NQ	2018-888	CASA-18-147996	GELC
SCI-1	358.4	05/09/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	100	—	—	1.45	mg/L	Y	—	NQ	2018-2526	CASA-18-154756	GELC
SCI-1	358.4	11/13/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	107	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-459	CASA-19-164011	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	106	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	105	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	11/12/2014	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00406	0.00703	0.0848	—	pCi/L	Y	U	U	2015-296	CASA-15-90255	GELC
SCI-1	358.4	11/15/2016	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00548	0.0103	0.0684	—	pCi/L	Y	U	U	2017-472	CASA-17-127288	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
SCI-1	358.4	11/13/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00387	0.00821	0.0344	—	pCi/L	Y	U	U	2018-888	CASA-18-148003	GELC
SCI-1	358.4	11/13/2018	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.0139	0.083	—	pCi/L	Y	U	U	N3B-2019-459	CASA-19-164012	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.0057	0.0404	—	pCi/L	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0467	—	—	0.017	mg/L	Y	J	U	2017-472	CASA-17-127307	GELC
SCI-1	358.4	11/13/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.123	—	—	0.017	mg/L	Y	—	NQ	2018-888	CASA-18-147996	GELC
SCI-1	358.4	05/09/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0781	—	—	0.017	mg/L	Y	—	U	2018-2526	CASA-18-154756	GELC
SCI-1	358.4	11/13/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0563	—	—	0.017	mg/L	Y	—	U	N3B-2019-459	CASA-19-164011	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0462	—	—	0.017	mg/L	Y	J	J	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0364	—	—	0.017	mg/L	Y	J	J	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	11/15/2016	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.65	—	—	1.7	µg/L	Y	J	J	2017-472	CASA-17-127307	GELC
SCI-1	358.4	11/13/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.16	—	—	2	µg/L	Y	J	J	2018-888	CASA-18-147996	GELC
SCI-1	358.4	05/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.75	—	—	2	µg/L	Y	J	J	2018-2526	CASA-18-154756	GELC
SCI-1	358.4	11/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	4.69	—	—	2	µg/L	Y	J	J	N3B-2019-459	CASA-19-164011	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	5.48	—	—	2	µg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	4.59	—	—	2	µg/L	Y	J	J	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	11/15/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	31.6	—	—	1	µg/L	Y	—	NQ	2017-472	CASA-17-127307	GELC
SCI-1	358.4	11/13/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	30	—	—	1	µg/L	Y	—	NQ	2018-888	CASA-18-147996	GELC
SCI-1	358.4	05/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	35.1	—	—	1	µg/L	Y	—	NQ	2018-2526	CASA-18-154756	GELC
SCI-1	358.4	11/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	32.1	—	—	1	µg/L	Y	—	NQ	N3B-2019-459	CASA-19-164011	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	29.9	—	—	1	µg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	32.6	—	—	1	µg/L	Y	—	NQ	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	11/15/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	77.7	—	—	15	µg/L	Y	—	NQ	2017-472	CASA-17-127307	GELC
SCI-1	358.4	11/13/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	40.8	—	—	15	µg/L	Y	J	J	2018-888	CASA-18-147996	GELC
SCI-1	358.4	05/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	75.5	—	—	15	µg/L	Y	—	NQ	2018-2526	CASA-18-154756	GELC
SCI-1	358.4	11/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	79.8	—	—	15	µg/L	Y	—	NQ	N3B-2019-459	CASA-19-164011	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	72.8	—	—	15	µg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	74.6	—	—	15	µg/L	Y	—	NQ	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	11/15/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.63	—	—	0.067	mg/L	Y	—	NQ	2017-472	CASA-17-127307	GELC
SCI-1	358.4	11/13/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.609	—	—	0.067	mg/L	Y	—	NQ	2018-888	CASA-18-147996	GELC
SCI-1	358.4	05/09/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.585	—	—	0.067	mg/L	Y	—	NQ	2018-2526	CASA-18-154756	GELC
SCI-1	358.4	11/13/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.598	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-459	CASA-19-164011	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.59	—	—	0.067	mg/L	Y	—	J-	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.695	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	11/15/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	56.7	—	—	0.05	mg/L	Y	—	NQ	2017-472	CASA-17-127307	GELC
SCI-1	358.4	11/13/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	56.8	—	—	0.05	mg/L	Y	—	NQ	2018-888	CASA-18-147996	GELC
SCI-1	358.4	05/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	55.2	—	—	0.05	mg/L	Y	—	NQ	2018-2526	CASA-18-154756	GELC
SCI-1	358.4	11/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	54.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-459	CASA-19-164011	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	47.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	54.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	11/12/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.93	0.603	3.2	—	pCi/L	Y	U	U	2015-296	CASA-15-90255	GELC
SCI-1	358.4	11/15/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	4.07	2.21	3.61	—	pCi/L	Y	UI	R	2017-472	CASA-17-127288	GELC
SCI-1	358.4	11/13/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.1	1.04	4.07	—	pCi/L	Y	U	U	2018-888	CASA-18-148003	GELC
SCI-1	358.4	11/13/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.54	0.635	2.25	—	pCi/L	Y	U	U	N3B-2019-459	CASA-19-164012	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.46	0.919	4.06	—	pCi/L	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	118	—	—	1.34	mg/L	Y	—	NQ	2017-472	CASA-17-127307	GELC
SCI-1	358.4	11/13/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	114	—	—	1.34	mg/L	Y	—	NQ	2018-888	CASA-18-147996	GELC
SCI-1	358.4	05/09/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	107	—	—	1.34	mg/L	Y	—	NQ	2018-2526	CASA-18-154756	GELC
SCI-1	358.4	11/13/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	111	—	—	1.34	mg/L	Y	—	NQ	N3B-2019-459	CASA-19-164011	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	102	—	—	1.34	mg/L	Y	H	NQ	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	110	—	—	1.34	mg/L	Y	—	NQ	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	08/03/2009	WG	UF	INIT	FD	VOC	SW-846:8260B	Chloroform	67-66-3	N	1	—	—	0.25	µg/L	Y	U	U	09-2756	CASA-09-10349	GELC
SCI-1	358.4	02/05/2010	WG	UF	INIT	FD	VOC	SW-846:8260B	Chloroform	67-66-3	Y	0.53	—	—	0.25	µg/L	Y	J	J	10-1678	CASA-10-9453	GELC
SCI-1	358.4	07/12/2010	WG	UF	INIT	FD	VOC	SW-846:8260B	Chloroform	67-66-3	Y	0.48	—	—	0.25	µg/L	Y	J	J	10-3649	CASA-10-22648	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
SCI-1	358.4	07/12/2010	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	Y	0.56	—	—	0.25	µg/L	Y	J	J	10-3649	CASA-10-22646	GELC
SCI-1	358.4	11/13/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	Y	0.44	—	—	0.3	µg/L	Y	J	J	2018-888	CASA-18-148003	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	Y	0.43	—	—	0.3	µg/L	Y	J	J	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2016	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	9.16	—	—	3	µg/L	Y	J	J	2017-472	CASA-17-127307	GELC
SCI-1	358.4	11/13/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	9.52	—	—	3	µg/L	Y	J	J	2018-888	CASA-18-147996	GELC
SCI-1	358.4	05/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	11.3	—	—	3	µg/L	Y	—	NQ	2018-2526	CASA-18-154756	GELC
SCI-1	358.4	11/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	9.82	—	—	3	µg/L	Y	J	J	N3B-2019-459	CASA-19-164011	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	7.99	—	—	3	µg/L	Y	J	J	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	8.23	—	—	3	µg/L	Y	J	J	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	11/12/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.419	1.18	4.73	—	pCi/L	Y	U	U	2015-296	CASA-15-90255	GELC
SCI-1	358.4	11/15/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.33	1.56	4.68	—	pCi/L	Y	U	U	2017-472	CASA-17-127288	GELC
SCI-1	358.4	11/13/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.755	1.09	3.89	—	pCi/L	Y	U	U	2018-888	CASA-18-148003	GELC
SCI-1	358.4	11/13/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.16	0.621	2.26	—	pCi/L	Y	U	U	N3B-2019-459	CASA-19-164012	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.287	1.09	4.3	—	pCi/L	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	08/03/2009	WG	UF	INIT	FD	SVOC	SW-846:8270C	Dioxane[1,4-]	123-91-1	N	10.3	—	—	2.1	µg/L	Y	U	U	09-2756	CASA-09-10349	GELC
SCI-1	358.4	02/05/2010	WG	UF	INIT	FD	SVOC	SW-846:8270C	Dioxane[1,4-]	123-91-1	N	10.9	—	—	2.2	µg/L	Y	U	UJ	10-1678	CASA-10-9453	GELC
SCI-1	358.4	07/12/2010	WG	UF	INIT	REG	SVOC	SW-846:8270C	Dioxane[1,4-]	123-91-1	N	11.1	—	—	2.2	µg/L	Y	U	U	10-3649	CASA-10-22646	GELC
SCI-1	358.4	07/12/2010	WG	UF	INIT	FD	SVOC	SW-846:8270C	Dioxane[1,4-]	123-91-1	N	11.1	—	—	2.2	µg/L	Y	U	U	10-3649	CASA-10-22648	GELC
SCI-1	358.4	11/13/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3	—	—	3	µg/L	Y	U	U	2018-888	CASA-18-148003	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.09	—	—	3.09	µg/L	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	Y	0.872	—	—	0.1	µg/L	Y	—	NQ	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.158	—	—	0.033	mg/L	Y	—	NQ	2017-472	CASA-17-127307	GELC
SCI-1	358.4	11/13/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.153	—	—	0.033	mg/L	Y	—	NQ	2018-888	CASA-18-147996	GELC
SCI-1	358.4	05/09/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0977	—	—	0.033	mg/L	Y	J	J	2018-2526	CASA-18-154756	GELC
SCI-1	358.4	11/13/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.155	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-459	CASA-19-164011	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.189	—	—	0.033	mg/L	Y	—	J-	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.158	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	11/12/2014	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.95	0.711	2.22	—	pCi/L	Y	U	U	2015-296	CASA-15-90255	GELC
SCI-1	358.4	11/15/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.51	0.891	2.91	—	pCi/L	Y	U	U	2017-472	CASA-17-127288	GELC
SCI-1	358.4	11/13/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	50	3.92	2.95	—	pCi/L	Y	—	NQ	2018-888	CASA-18-148003	GELC
SCI-1	358.4	11/13/2017	WG	UF	RE	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	45.8	2.47	4.75	—	pCi/L	Y	—	NQ	2018-888	CASA-18-148003	GELC
SCI-1	358.4	11/13/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	6.95	1.6	2.96	—	pCi/L	Y	—	NQ	N3B-2019-459	CASA-19-164012	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	2.98	1.08	2.8	—	pCi/L	Y	—	NQ	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/12/2014	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.84	0.603	1.9	—	pCi/L	Y	—	NQ	2015-296	CASA-15-90255	GELC
SCI-1	358.4	11/15/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.24	0.627	1.83	—	pCi/L	Y	—	NQ	2017-472	CASA-17-127288	GELC
SCI-1	358.4	11/13/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	27.3	1.05	2.11	—	pCi/L	Y	—	NQ	2018-888	CASA-18-148003	GELC
SCI-1	358.4	11/13/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	5.84	1.02	2.31	—	pCi/L	Y	—	NQ	N3B-2019-459	CASA-19-164012	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.33	0.478	1.45	—	pCi/L	Y	—	NQ	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2016	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	177	—	—	0.453	mg/L	Y	—	NQ	2017-472	CASA-17-127307	GELC
SCI-1	358.4	11/13/2017	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	177	—	—	0.453	mg/L	Y	—	NQ	2018-888	CASA-18-147996	GELC
SCI-1	358.4	05/09/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	173	—	—	0.453	mg/L	Y	—	NQ	2018-2526	CASA-18-154756	GELC
SCI-1	358.4	11/13/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	173	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-459	CASA-19-164011	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	148	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	170	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	11/15/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	8.52	—	—	0.11	mg/L	Y	—	NQ	2017-472	CASA-17-127307	GELC
SCI-1	358.4	11/13/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	8.51	—	—	0.11	mg/L	Y	—	NQ	2018-888	CASA-18-147996	GELC
SCI-1	358.4	05/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	8.45	—	—	0.11	mg/L	Y	—	NQ	2018-2526	CASA-18-154756	GELC
SCI-1	358.4	11/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	9.22	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-459	CASA-19-164011	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	7.47	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	8.37	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	11/15/2016	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	76	—	—	0.3	µg/L	Y	—	NQ	2017-472	CASA-17-127307	GELC
SCI-1	358.4	11/13/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	67.9	—	—	0.2	µg/L	Y	—	NQ	2018-888	CASA-18-147996	GELC
SCI-1	358.4	05/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	67	—	—	0.2	µg/L	Y	—	NQ	2018-2526	CASA-18-154756	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
SCI-1	358.4	11/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	69.3	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-459	CASA-19-164011	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	60.8	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	65.1	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	11/12/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.13	2.46	9.1	—	pCi/L	Y	U	U	2015-296	CASA-15-90255	GELC
SCI-1	358.4	11/15/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.04	2.05	7.49	—	pCi/L	Y	U	U	2017-472	CASA-17-127288	GELC
SCI-1	358.4	11/13/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.07	1.96	7	—	pCi/L	Y	U	U	2018-888	CASA-18-148003	GELC
SCI-1	358.4	11/13/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.679	1.18	4.09	—	pCi/L	Y	U	U	N3B-2019-459	CASA-19-164012	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.18	2.13	7.34	—	pCi/L	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/13/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	3.96	—	—	0.6	µg/L	Y	—	NQ	2018-888	CASA-18-147996	GELC
SCI-1	358.4	05/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	6.02	—	—	0.6	µg/L	Y	—	NQ	2018-2526	CASA-18-154756	GELC
SCI-1	358.4	11/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	4.88	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-459	CASA-19-164011	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	1.96	—	—	0.6	µg/L	Y	J	U	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	3.74	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	11/15/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.54	—	—	0.085	mg/L	Y	—	NQ	2017-472	CASA-17-127307	GELC
SCI-1	358.4	11/13/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.63	—	—	0.085	mg/L	Y	—	NQ	2018-888	CASA-18-147996	GELC
SCI-1	358.4	05/09/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.59	—	—	0.085	mg/L	Y	—	NQ	2018-2526	CASA-18-154756	GELC
SCI-1	358.4	11/13/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.43	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-459	CASA-19-164011	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.49	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.4	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	11/15/2016	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.807	—	—	0.05	µg/L	Y	—	NQ	2017-472	CASA-17-127307	GELC
SCI-1	358.4	11/13/2017	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.826	—	—	0.05	µg/L	Y	—	NQ	2018-888	CASA-18-147996	GELC
SCI-1	358.4	05/09/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.672	—	—	0.05	µg/L	Y	—	NQ	2018-2526	CASA-18-154756	GELC
SCI-1	358.4	11/13/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.745	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-459	CASA-19-164011	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.697	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.72	—	—	0.05	µg/L	Y	—	J	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	11/12/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00521	0.00521	0.0349	—	pCi/L	Y	U	U	2015-296	CASA-15-90255	GELC
SCI-1	358.4	11/15/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00218	0.00578	0.0506	—	pCi/L	Y	U	U	2017-472	CASA-17-127288	GELC
SCI-1	358.4	11/13/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0812	0.0512	0.0855	—	pCi/L	Y	U	U	2018-888	CASA-18-148003	GELC
SCI-1	358.4	11/13/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0028	0.0084	0.0485	—	pCi/L	Y	U	U	N3B-2019-459	CASA-19-164012	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00413	0.00716	0.0375	—	pCi/L	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/12/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00782	0.00782	0.0515	—	pCi/L	Y	U	U	2015-296	CASA-15-90255	GELC
SCI-1	358.4	11/15/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0371	0.0121	0.0382	—	pCi/L	Y	U	U	2017-472	CASA-17-127288	GELC
SCI-1	358.4	11/13/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0058	0.0225	0.122	—	pCi/L	Y	U	U	2018-888	CASA-18-148003	GELC
SCI-1	358.4	11/13/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0476	0.0151	0.0534	—	pCi/L	Y	U	U	N3B-2019-459	CASA-19-164012	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.00413	0.0364	—	pCi/L	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.56	—	—	0.05	mg/L	Y	—	NQ	2017-472	CASA-17-127307	GELC
SCI-1	358.4	11/13/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.45	—	—	0.05	mg/L	Y	—	NQ	2018-888	CASA-18-147996	GELC
SCI-1	358.4	05/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.73	—	—	0.05	mg/L	Y	—	NQ	2018-2526	CASA-18-154756	GELC
SCI-1	358.4	11/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.58	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-459	CASA-19-164011	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.55	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.62	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	11/12/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-10.6	17.9	61.2	—	pCi/L	Y	U	U	2015-296	CASA-15-90255	GELC
SCI-1	358.4	11/15/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-9.74	14.5	56.8	—	pCi/L	Y	U	U	2017-472	CASA-17-127288	GELC
SCI-1	358.4	11/13/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	1.97	20.2	48.2	—	pCi/L	Y	U	U	2018-888	CASA-18-148003	GELC
SCI-1	358.4	11/13/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	1.38	11.1	32.7	—	pCi/L	Y	U	U	N3B-2019-459	CASA-19-164012	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	7.57	19.3	39.7	—	pCi/L	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.307	0.093	0.21	—	pCi/L	Y	—	NQ	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	1.2	0.236	—	—	pCi/L	Y	—	NQ	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	Y	0.893	0.217	0.613	—	pCi/L	Y	—	NQ	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	58.3	—	—	0.053	mg/L	Y	—	NQ	2017-472	CASA-17-127307	GELC
SCI-1	358.4	11/13/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	60.9	—	—	0.053	mg/L	Y	—	NQ	2018-888	CASA-18-147996	GELC
SCI-1	358.4	05/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	63.6	—	—	0.053	mg/L	Y	—	NQ	2018-2526	CASA-18-154756	GELC
SCI-1	358.4	11/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	60.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-459	CASA-19-164011	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	57.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	60.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	11/15/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	61.8	—	—	0.1	mg/L	Y	—	NQ	2017-472	CASA-17-127307	GELC
SCI-1	358.4	11/13/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	63.1	—	—	0.1	mg/L	Y	—	NQ	2018-888	CASA-18-147996	GELC
SCI-1	358.4	05/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	59.4	—	—	0.1	mg/L	Y	E	NQ	2018-2526	CASA-18-154756	GELC
SCI-1	358.4	11/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	62.9	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-459	CASA-19-164011	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	58.5	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	64.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	11/12/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.367	1.33	5.01	—	pCi/L	Y	U	U	2015-296	CASA-15-90255	GELC
SCI-1	358.4	11/15/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.658	1.24	4.99	—	pCi/L	Y	U	U	2017-472	CASA-17-127288	GELC
SCI-1	358.4	11/13/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.0122	0.85	3.07	—	pCi/L	Y	U	U	2018-888	CASA-18-148003	GELC
SCI-1	358.4	11/13/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.3	0.671	2.45	—	pCi/L	Y	U	U	N3B-2019-459	CASA-19-164012	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.686	1.14	4.13	—	pCi/L	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	679	—	—	1	µS/cm	Y	—	NQ	2017-472	CASA-17-127307	GELC
SCI-1	358.4	11/13/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	715	—	—	1	µS/cm	Y	—	NQ	2018-888	CASA-18-147996	GELC
SCI-1	358.4	05/09/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	668	—	—	1	µS/cm	Y	—	NQ	2018-2526	CASA-18-154756	GELC
SCI-1	358.4	11/13/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	666	—	—	1	µS/cm	Y	—	NQ	N3B-2019-459	CASA-19-164011	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	671	—	—	1	µS/cm	Y	—	NQ	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	671	—	—	1	µS/cm	Y	—	NQ	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	11/15/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	246	—	—	1	µg/L	Y	—	NQ	2017-472	CASA-17-127307	GELC
SCI-1	358.4	11/13/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	250	—	—	1	µg/L	Y	—	NQ	2018-888	CASA-18-147996	GELC
SCI-1	358.4	05/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	244	—	—	1	µg/L	Y	—	NQ	2018-2526	CASA-18-154756	GELC
SCI-1	358.4	11/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	239	—	—	1	µg/L	Y	—	NQ	N3B-2019-459	CASA-19-164011	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	214	—	—	1	µg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	237	—	—	1	µg/L	Y	—	NQ	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	11/12/2014	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.232	0.12	0.471	—	pCi/L	Y	U	U	2015-296	CASA-15-90255	GELC
SCI-1	358.4	11/15/2016	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.095	0.108	0.377	—	pCi/L	Y	U	U	2017-472	CASA-17-127288	GELC
SCI-1	358.4	11/13/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.124	0.128	0.445	—	pCi/L	Y	U	U	2018-888	CASA-18-148003	GELC
SCI-1	358.4	11/13/2018	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.158	0.138	0.473	—	pCi/L	Y	U	U	N3B-2019-459	CASA-19-164012	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0131	0.139	0.488	—	pCi/L	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	45.5	—	—	2.66	mg/L	Y	—	NQ	2017-472	CASA-17-127307	GELC
SCI-1	358.4	11/13/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	46.9	—	—	2.66	mg/L	Y	—	NQ	2018-888	CASA-18-147996	GELC
SCI-1	358.4	05/09/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	43.6	—	—	2.66	mg/L	Y	—	NQ	2018-2526	CASA-18-154756	GELC
SCI-1	358.4	11/13/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	45.8	—	—	2.66	mg/L	Y	—	NQ	N3B-2019-459	CASA-19-164011	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	43.7	—	—	2.66	mg/L	Y	H	NQ	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	49.4	—	—	2.66	mg/L	Y	—	NQ	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	11/13/2017	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-888	CASA-18-147996	GELC
SCI-1	358.4	11/13/2017	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-888	CASA-18-148003	GELC
SCI-1	358.4	05/09/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-2526	CASA-18-154756	GELC
SCI-1	358.4	05/09/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-2526	CASA-18-154757	GELC
SCI-1	358.4	11/13/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-459	CASA-19-164011	GELC
SCI-1	358.4	11/13/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-459	CASA-19-164012	GELC
SCI-1	358.4	05/20/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-1943	CASA-19-175179	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	3.33	—	—	2.5	µg/L	Y	J	J	2017-472	CASA-17-127307	GELC
SCI-1	358.4	11/13/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	2018-888	CASA-18-147996	GELC
SCI-1	358.4	05/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	2018-2526	CASA-18-154756	GELC
SCI-1	358.4	11/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	7.4	—	—	2.5	µg/L	Y	J	J	N3B-2019-459	CASA-19-164011	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	26.5	—	—	2.5	µg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	11/15/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	504	—	—	3.4	mg/L	Y	—	NQ	2017-472	CASA-17-127307	GELC
SCI-1	358.4	11/13/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	431	—	—	3.4	mg/L	Y	—	NQ	2018-888	CASA-18-147996	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
SCI-1	358.4	05/09/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	454	—	—	3.4	mg/L	Y	—	NQ	2018-2526	CASA-18-154756	GELC
SCI-1	358.4	11/13/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	446	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-459	CASA-19-164011	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	481	—	—	3.4	mg/L	Y	H	NQ	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	424	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	11/15/2016	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.147	—	—	0.033	mg/L	Y	—	U	2017-472	CASA-17-127288	GELC
SCI-1	358.4	11/13/2017	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.126	—	—	0.033	mg/L	Y	—	U	2018-888	CASA-18-148003	GELC
SCI-1	358.4	05/09/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.23	—	—	0.033	mg/L	Y	—	NQ	2018-2526	CASA-18-154757	GELC
SCI-1	358.4	11/13/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.142	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-459	CASA-19-164012	GELC
SCI-1	358.4	05/20/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.173	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175179	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.155	—	—	0.033	mg/L	Y	—	J+	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2016	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.905	—	—	0.33	mg/L	Y	J	J	2017-472	CASA-17-127288	GELC
SCI-1	358.4	11/13/2017	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.13	—	—	0.33	mg/L	Y	—	NQ	2018-888	CASA-18-148003	GELC
SCI-1	358.4	05/09/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.865	—	—	0.33	mg/L	Y	J	J	2018-2526	CASA-18-154757	GELC
SCI-1	358.4	11/13/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.89	—	—	0.33	mg/L	Y	J	J	N3B-2019-459	CASA-19-164012	GELC
SCI-1	358.4	05/20/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.839	—	—	0.33	mg/L	Y	J	J	N3B-2019-1991	CASA-19-175179	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.725	—	—	0.33	mg/L	Y	J	J	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	1.32	—	—	0.02	mg/L	Y	—	NQ	2017-472	CASA-17-127307	GELC
SCI-1	358.4	11/13/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	1.31	—	—	0.02	mg/L	Y	—	NQ	2018-888	CASA-18-147996	GELC
SCI-1	358.4	05/09/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	1.11	—	—	0.02	mg/L	Y	—	NQ	2018-2526	CASA-18-154756	GELC
SCI-1	358.4	11/13/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	1.23	—	—	0.02	mg/L	Y	—	J+	N3B-2019-459	CASA-19-164011	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	1.43	—	—	0.02	mg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	1.33	—	—	0.02	mg/L	Y	—	NQ	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	11/15/2016	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.53	—	—	0.067	µg/L	Y	—	NQ	2017-472	CASA-17-127307	GELC
SCI-1	358.4	11/13/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.52	—	—	0.067	µg/L	Y	—	NQ	2018-888	CASA-18-147996	GELC
SCI-1	358.4	05/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.19	—	—	0.067	µg/L	Y	—	NQ	2018-2526	CASA-18-154756	GELC
SCI-1	358.4	11/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.76	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-459	CASA-19-164011	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.37	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	1.5	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	11/12/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.43	0.0713	0.0687	—	pCi/L	Y	—	NQ	2015-296	CASA-15-90255	GELC
SCI-1	358.4	11/15/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.03	0.0507	0.105	—	pCi/L	Y	—	NQ	2017-472	CASA-17-127288	GELC
SCI-1	358.4	11/13/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.86	0.0718	0.136	—	pCi/L	Y	—	NQ	2018-888	CASA-18-148003	GELC
SCI-1	358.4	11/13/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.26	0.0665	0.115	—	pCi/L	Y	—	NQ	N3B-2019-459	CASA-19-164012	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.11	0.0561	0.0587	—	pCi/L	Y	—	NQ	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/12/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0622	0.0181	0.0598	—	pCi/L	Y	—	NQ	2015-296	CASA-15-90255	GELC
SCI-1	358.4	11/15/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0598	0.014	0.0708	—	pCi/L	Y	U	U	2017-472	CASA-17-127288	GELC
SCI-1	358.4	11/13/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.158	0.0236	0.0587	—	pCi/L	Y	—	NQ	2018-888	CASA-18-148003	GELC
SCI-1	358.4	11/13/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0462	0.0151	0.112	—	pCi/L	Y	U	U	N3B-2019-459	CASA-19-164012	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0413	0.0127	0.042	—	pCi/L	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/12/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.698	0.0491	0.0658	—	pCi/L	Y	—	NQ	2015-296	CASA-15-90255	GELC
SCI-1	358.4	11/15/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.544	0.0366	0.0804	—	pCi/L	Y	—	NQ	2017-472	CASA-17-127288	GELC
SCI-1	358.4	11/13/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.935	0.0509	0.0794	—	pCi/L	Y	—	NQ	2018-888	CASA-18-148003	GELC
SCI-1	358.4	11/13/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.601	0.0459	0.114	—	pCi/L	Y	—	NQ	N3B-2019-459	CASA-19-164012	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.538	0.0392	0.0688	—	pCi/L	Y	—	NQ	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/15/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.76	—	—	1	µg/L	Y	J	J	2017-472	CASA-17-127307	GELC
SCI-1	358.4	11/13/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.15	—	—	1	µg/L	Y	J	J	2018-888	CASA-18-147996	GELC
SCI-1	358.4	05/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.65	—	—	1	µg/L	Y	J	J	2018-2526	CASA-18-154756	GELC
SCI-1	358.4	11/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.62	—	—	1	µg/L	Y	J	J	N3B-2019-459	CASA-19-164011	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.85	—	—	1	µg/L	Y	J	J	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.83	—	—	1	µg/L	Y	J	J	N3B-2020-367	CASA-20-189200	GELC
SCI-2	548.0	01/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.6	—	—	0.01	SU	Y	H	NQ	2018-1427	CASA-18-150797	GELC
SCI-2	548.0	05/09/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.66	—	—	0.01	SU	Y	H	NQ	2018-2526	CASA-18-154760	GELC
SCI-2	548.0	05/09/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.59	—	—	0.01	SU	Y	H	NQ	2018-2526	CASA-18-154762	GELC
SCI-2	548.0	07/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.64	—	—	0.01	SU	Y	H	NQ	N3B-2018-2879	CASA-18-159857	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
SCI-2	548.0	11/13/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.63	—	—	0.01	SU	Y	H	NQ	N3B-2019-459	CASA-19-164015	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.66	—	—	0.01	SU	Y	H	NQ	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.55	—	—	0.01	SU	Y	H	J-	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.66	—	—	0.01	SU	Y	H	NQ	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.72	—	—	0.01	SU	Y	H	NQ	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	01/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	90.4	—	—	1.45	mg/L	Y	—	NQ	2018-1427	CASA-18-150797	GELC
SCI-2	548.0	05/09/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	90	—	—	1.45	mg/L	Y	—	NQ	2018-2526	CASA-18-154760	GELC
SCI-2	548.0	05/09/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	89	—	—	1.45	mg/L	Y	—	NQ	2018-2526	CASA-18-154762	GELC
SCI-2	548.0	07/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	90	—	—	1.45	mg/L	Y	—	NQ	N3B-2018-2879	CASA-18-159857	GELC
SCI-2	548.0	11/13/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	92	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-459	CASA-19-164015	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	91.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	99.4	—	—	1.45	mg/L	Y	H	NQ	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	91	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	92.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	11/12/2014	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0071	0.0071	0.0741	—	pCi/L	Y	U	U	2015-296	CASA-15-90256	GELC
SCI-2	548.0	11/13/2015	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0252	0.0116	0.0378	—	pCi/L	Y	U	U	2016-333	CASA-16-106248	GELC
SCI-2	548.0	11/13/2015	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0125	0.00992	0.0423	—	pCi/L	Y	U	U	2016-333	CASA-16-106220	GELC
SCI-2	548.0	11/18/2016	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0108	0.00952	0.0898	—	pCi/L	Y	U	U	2017-524	CASA-17-127289	GELC
SCI-2	548.0	11/13/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0165	0.0097	0.0368	—	pCi/L	Y	U	U	2018-888	CASA-18-148004	GELC
SCI-2	548.0	11/13/2017	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0143	0.00678	0.0364	—	pCi/L	Y	U	U	2018-888	CASA-18-148012	GELC
SCI-2	548.0	01/16/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00649	0.00892	0.0396	—	pCi/L	Y	U	U	N3B-2019-772	CASA-19-166275	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0114	0.00848	0.038	—	pCi/L	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	01/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0315	—	—	0.017	mg/L	Y	J	J	2018-1427	CASA-18-150797	GELC
SCI-2	548.0	05/09/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0225	—	—	0.017	mg/L	Y	J	U	2018-2526	CASA-18-154760	GELC
SCI-2	548.0	05/09/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0325	—	—	0.017	mg/L	Y	J	U	2018-2526	CASA-18-154762	GELC
SCI-2	548.0	07/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0516	—	—	0.017	mg/L	Y	—	U	N3B-2018-2879	CASA-18-159857	GELC
SCI-2	548.0	11/13/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0434	—	—	0.017	mg/L	Y	J	U	N3B-2019-459	CASA-19-164015	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0613	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0892	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0726	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0277	—	—	0.017	mg/L	Y	J	J	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	01/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	2018-1427	CASA-18-150797	GELC
SCI-2	548.0	05/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	2018-2526	CASA-18-154760	GELC
SCI-2	548.0	05/09/2018	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	2018-2526	CASA-18-154762	GELC
SCI-2	548.0	07/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	N3B-2018-2879	CASA-18-159857	GELC
SCI-2	548.0	11/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.65	—	—	2	µg/L	Y	J	J	N3B-2019-459	CASA-19-164015	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.24	—	—	2	µg/L	Y	J	J	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.77	—	—	2	µg/L	Y	J	J	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.39	—	—	2	µg/L	Y	J	J	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	01/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	75.9	—	—	1	µg/L	Y	—	NQ	2018-1427	CASA-18-150797	GELC
SCI-2	548.0	05/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	74.3	—	—	1	µg/L	Y	—	NQ	2018-2526	CASA-18-154760	GELC
SCI-2	548.0	05/09/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	72	—	—	1	µg/L	Y	—	NQ	2018-2526	CASA-18-154762	GELC
SCI-2	548.0	07/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	72	—	—	1	µg/L	Y	—	NQ	N3B-2018-2879	CASA-18-159857	GELC
SCI-2	548.0	11/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	74.9	—	—	1	µg/L	Y	—	NQ	N3B-2019-459	CASA-19-164015	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	75.4	—	—	1	µg/L	Y	—	NQ	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	69.5	—	—	1	µg/L	Y	*	NQ	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	73.1	—	—	1	µg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	75.2	—	—	1	µg/L	Y	—	NQ	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	01/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	19.9	—	—	15	µg/L	Y	J	J	2018-1427	CASA-18-150797	GELC
SCI-2	548.0	05/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	17.8	—	—	15	µg/L	Y	J	J	2018-2526	CASA-18-154760	GELC
SCI-2	548.0	05/09/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	Y	17.4	—	—	15	µg/L	Y	J	J	2018-2526	CASA-18-154762	GELC
SCI-2	548.0	07/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	18.7	—	—	15	µg/L	Y	J	J	N3B-2018-2879	CASA-18-159857	GELC
SCI-2	548.0	11/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	19.7	—	—	15	µg/L	Y	J	J	N3B-2019-459	CASA-19-164015	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	29.5	—	—	15	µg/L	Y	J	J	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	20.5	—	—	15	µg/L	Y	J	J	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	16.3	—	—	15	µg/L	Y	J	J	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	17.9	—	—	15	µg/L	Y	J	J	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	01/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.751	—	—	0.067	mg/L	Y	—	NQ	2018-1427	CASA-18-150797	GELC
SCI-2	548.0	05/09/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.71	—	—	0.067	mg/L	Y	—	NQ	2018-2526	CASA-18-154760	GELC
SCI-2	548.0	05/09/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.723	—	—	0.067	mg/L	Y	—	NQ	2018-2526	CASA-18-154762	GELC
SCI-2	548.0	07/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.724	—	—	0.067	mg/L	Y	—	NQ	N3B-2018-2879	CASA-18-159857	GELC
SCI-2	548.0	11/13/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.736	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-459	CASA-19-164015	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.846	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.702	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.77	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.765	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	01/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	76.3	—	—	0.05	mg/L	Y	—	NQ	2018-1427	CASA-18-150797	GELC
SCI-2	548.0	05/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	69.6	—	—	0.05	mg/L	Y	—	NQ	2018-2526	CASA-18-154760	GELC
SCI-2	548.0	05/09/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	68.3	—	—	0.05	mg/L	Y	—	NQ	2018-2526	CASA-18-154762	GELC
SCI-2	548.0	07/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	69.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-2879	CASA-18-159857	GELC
SCI-2	548.0	11/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	68	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-459	CASA-19-164015	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	70.9	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	65.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	70.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	71.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	11/12/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	6.04	1.76	4.48	—	pCi/L	Y	UI	R	2015-296	CASA-15-90256	GELC
SCI-2	548.0	11/13/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.79	1.7	5.69	—	pCi/L	Y	U	U	2016-333	CASA-16-106248	GELC
SCI-2	548.0	11/13/2015	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.24	1.48	5.69	—	pCi/L	Y	U	U	2016-333	CASA-16-106220	GELC
SCI-2	548.0	11/18/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.346	1.24	3.92	—	pCi/L	Y	U	U	2017-524	CASA-17-127289	GELC
SCI-2	548.0	11/13/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.94	1.07	3.79	—	pCi/L	Y	U	U	2018-888	CASA-18-148004	GELC
SCI-2	548.0	11/13/2017	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.18	1.03	2.88	—	pCi/L	Y	U	U	2018-888	CASA-18-148012	GELC
SCI-2	548.0	01/16/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.4	0.999	3.86	—	pCi/L	Y	U	U	N3B-2019-772	CASA-19-166275	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.564	1.02	3.41	—	pCi/L	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	01/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	77.5	—	—	1.34	mg/L	Y	—	NQ	2018-1427	CASA-18-150797	GELC
SCI-2	548.0	05/09/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	72.5	—	—	0.67	mg/L	Y	—	NQ	2018-2526	CASA-18-154760	GELC
SCI-2	548.0	05/09/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	71.9	—	—	0.67	mg/L	Y	—	NQ	2018-2526	CASA-18-154762	GELC
SCI-2	548.0	07/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	77.4	—	—	0.67	mg/L	Y	—	NQ	N3B-2018-2879	CASA-18-159857	GELC
SCI-2	548.0	11/13/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	74.5	—	—	1.34	mg/L	Y	—	NQ	N3B-2019-459	CASA-19-164015	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	74.4	—	—	0.67	mg/L	Y	—	NQ	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	76.4	—	—	0.67	mg/L	Y	H	J-	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	78.1	—	—	0.67	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	73.7	—	—	1.34	mg/L	Y	—	NQ	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	07/15/2010	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	Y	0.37	—	—	0.25	µg/L	Y	J	J	10-3716	CASA-10-22650	GELC
SCI-2	548.0	11/14/2011	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	Y	0.31	—	—	0.25	µg/L	Y	J	J	12-331	CASA-12-1376	GELC
SCI-2	548.0	11/13/2015	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	Y	0.36	—	—	0.3	µg/L	Y	HJ	J-	2016-333	CASA-16-106248	GELC
SCI-2	548.0	11/13/2015	WG	UF	INIT	FD	VOC	SW-846:8260B	Chloroform	67-66-3	Y	0.37	—	—	0.3	µg/L	Y	HJ	J-	2016-333	CASA-16-106220	GELC
SCI-2	548.0	11/13/2017	WG	UF	INIT	FD	VOC	SW-846:8260B	Chloroform	67-66-3	Y	0.46	—	—	0.3	µg/L	Y	J	J	2018-888	CASA-18-148012	GELC
SCI-2	548.0	11/13/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	Y	0.45	—	—	0.3	µg/L	Y	J	J	2018-888	CASA-18-148004	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	Y	0.45	—	—	0.3	µg/L	Y	J	J	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	01/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	294	—	—	3	µg/L	Y	—	NQ	2018-1427	CASA-18-150797	GELC
SCI-2	548.0	05/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	313	—	—	3	µg/L	Y	—	NQ	2018-2526	CASA-18-154760	GELC
SCI-2	548.0	05/09/2018	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	311	—	—	3	µg/L	Y	—	NQ	2018-2526	CASA-18-154762	GELC
SCI-2	548.0	07/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	307	—	—	15	µg/L	Y	—	NQ	N3B-2018-2879	CASA-18-159857	GELC
SCI-2	548.0	11/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	316	—	—	3	µg/L	Y	—	NQ	N3B-2019-459	CASA-19-164015	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	300	—	—	3	µg/L	Y	—	NQ	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	265	—	—	3	µg/L	Y	—	NQ	N3B-2019-2011	CASA-19-175180	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	276	—	—	3	µg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	268	—	—	3	µg/L	Y	—	NQ	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	11/12/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.614	1.3	5.14	—	pCi/L	Y	U	U	2015-296	CASA-15-90256	GELC
SCI-2	548.0	11/13/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.43	1.4	5.95	—	pCi/L	Y	U	U	2016-333	CASA-16-106248	GELC
SCI-2	548.0	11/13/2015	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.06	1.16	4.15	—	pCi/L	Y	U	U	2016-333	CASA-16-106220	GELC
SCI-2	548.0	11/18/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.207	0.91	3.56	—	pCi/L	Y	U	U	2017-524	CASA-17-127289	GELC
SCI-2	548.0	11/13/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	4.07	1.02	5.26	—	pCi/L	Y	U	U	2018-888	CASA-18-148004	GELC
SCI-2	548.0	11/13/2017	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.775	1.01	3.8	—	pCi/L	Y	U	U	2018-888	CASA-18-148012	GELC
SCI-2	548.0	01/16/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.402	1.07	4.17	—	pCi/L	Y	U	U	N3B-2019-772	CASA-19-166275	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.712	0.929	3.94	—	pCi/L	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	01/10/2018	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00665	—	—	0.00167	mg/L	Y	—	NQ	2018-1427	CASA-18-150798	GELC
SCI-2	548.0	05/09/2018	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00655	—	—	0.00167	mg/L	Y	—	NQ	2018-2526	CASA-18-154761	GELC
SCI-2	548.0	05/09/2018	WG	UF	INIT	FD	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00672	—	—	0.00167	mg/L	Y	—	NQ	2018-2526	CASA-18-154763	GELC
SCI-2	548.0	07/10/2018	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00517	—	—	0.00167	mg/L	Y	—	NQ	N3B-2018-2879	CASA-18-159858	GELC
SCI-2	548.0	11/13/2018	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00458	—	—	0.00167	mg/L	Y	J	J	N3B-2019-459	CASA-19-164016	GELC
SCI-2	548.0	01/16/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00462	—	—	0.00167	mg/L	Y	J	J	N3B-2019-772	CASA-19-166275	GELC
SCI-2	548.0	05/14/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00405	—	—	0.00167	mg/L	Y	J	J	N3B-2019-1916	CASA-19-175181	GELC
SCI-2	548.0	07/12/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.0044	—	—	0.00167	mg/L	Y	J	J	N3B-2019-2508	CASA-19-182097	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00478	—	—	0.00167	mg/L	Y	J	J	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	07/15/2010	WG	UF	INIT	REG	SVOC	SW-846:8270C	Diethylphthalate	84-66-2	N	10.5	—	—	2.1	µg/L	Y	U	U	10-3716	CASA-10-22650	GELC
SCI-2	548.0	11/14/2011	WG	UF	INIT	REG	SVOC	SW-846:8270C	Diethylphthalate	84-66-2	N	10	—	—	3	µg/L	Y	U	UJ	12-331	CASA-12-1376	GELC
SCI-2	548.0	11/14/2011	WG	UF	RE	REG	SVOC	SW-846:8270C	Diethylphthalate	84-66-2	N	10.9	—	—	3.3	µg/L	N	U	U	12-331	CASA-12-1376	GELC
SCI-2	548.0	11/13/2015	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	5.15	—	—	1.55	µg/L	Y	U	U	2016-333	CASA-16-106248	GELC
SCI-2	548.0	11/13/2015	WG	UF	INIT	FD	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	5.15	—	—	1.55	µg/L	Y	U	U	2016-333	CASA-16-106220	GELC
SCI-2	548.0	11/13/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	3.16	—	—	3.16	µg/L	Y	U	U	2018-888	CASA-18-148004	GELC
SCI-2	548.0	11/13/2017	WG	UF	INIT	FD	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	3.16	—	—	3.16	µg/L	Y	U	U	2018-888	CASA-18-148012	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	Y	0.543	—	—	0.302	µg/L	Y	J	J	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	07/15/2010	WG	UF	INIT	REG	SVOC	SW-846:8270C	Dioxane[1,4-]	123-91-1	N	10.5	—	—	2.1	µg/L	Y	U	U	10-3716	CASA-10-22650	GELC
SCI-2	548.0	11/14/2011	WG	UF	INIT	REG	SVOC	SW-846:8270C	Dioxane[1,4-]	123-91-1	N	10	—	—	3	µg/L	Y	U	UJ	12-331	CASA-12-1376	GELC
SCI-2	548.0	11/14/2011	WG	UF	RE	REG	SVOC	SW-846:8270C	Dioxane[1,4-]	123-91-1	N	10.9	—	—	3.3	µg/L	N	U	U	12-331	CASA-12-1376	GELC
SCI-2	548.0	11/13/2015	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	5.15	—	—	1.55	µg/L	Y	U	U	2016-333	CASA-16-106248	GELC
SCI-2	548.0	11/13/2015	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	5.15	—	—	1.55	µg/L	Y	U	U	2016-333	CASA-16-106220	GELC
SCI-2	548.0	11/13/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.16	—	—	3.16	µg/L	Y	U	U	2018-888	CASA-18-148004	GELC
SCI-2	548.0	11/13/2017	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.16	—	—	3.16	µg/L	Y	U	U	2018-888	CASA-18-148012	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.02	—	—	3.02	µg/L	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	Y	2.01	—	—	0.1	µg/L	Y	—	NQ	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	01/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.103	—	—	0.033	mg/L	Y	—	NQ	2018-1427	CASA-18-150797	GELC
SCI-2	548.0	05/09/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.119	—	—	0.033	mg/L	Y	—	NQ	2018-2526	CASA-18-154760	GELC
SCI-2	548.0	05/09/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.121	—	—	0.033	mg/L	Y	—	NQ	2018-2526	CASA-18-154762	GELC
SCI-2	548.0	07/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.244	—	—	0.033	mg/L	Y	—	NQ	N3B-2018-2879	CASA-18-159857	GELC
SCI-2	548.0	11/13/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.152	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-459	CASA-19-164015	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.151	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.206	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.3	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.229	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	11/12/2014	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.01	0.862	2.96	—	pCi/L	Y	U	U	2015-296	CASA-15-90256	GELC
SCI-2	548.0	11/13/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.13	0.824	2.82	—	pCi/L	Y	U	U	2016-333	CASA-16-106248	GELC
SCI-2	548.0	11/13/2015	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	2.08	0.954	2.92	—	pCi/L	Y	U	U	2016-333	CASA-16-106220	GELC
SCI-2	548.0	11/18/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.04	0.945	2.98	—	pCi/L	Y	U	U	2017-524	CASA-17-127289	GELC
SCI-2	548.0	11/13/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.41	0.875	2.83	—	pCi/L	Y	U	U	2018-888	CASA-18-148004	GELC
SCI-2	548.0	11/13/2017	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	2.5	1.04	2.83	—	pCi/L	Y	U	U	2018-888	CASA-18-148012	GELC
SCI-2	548.0	01/16/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.41	0.768	2.44	—	pCi/L	Y	U	U	N3B-2019-772	CASA-19-166275	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	3.25	1.15	2.96	—	pCi/L	Y	—	NQ	N3B-2020-367	CASA-20-189204	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
SCI-2	548.0	11/12/2014	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	5.82	0.553	1.57	—	pCi/L	Y	—	NQ	2015-296	CASA-15-90256	GELC
SCI-2	548.0	11/13/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.41	0.981	2.97	—	pCi/L	Y	—	NQ	2016-333	CASA-16-106248	GELC
SCI-2	548.0	11/13/2015	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	5.78	1	2.94	—	pCi/L	Y	—	NQ	2016-333	CASA-16-106220	GELC
SCI-2	548.0	11/18/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.24	0.388	1.12	—	pCi/L	Y	—	NQ	2017-524	CASA-17-127289	GELC
SCI-2	548.0	11/13/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.41	0.948	2.78	—	pCi/L	Y	—	NQ	2018-888	CASA-18-148004	GELC
SCI-2	548.0	11/13/2017	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	3.27	0.925	2.71	—	pCi/L	Y	—	NQ	2018-888	CASA-18-148012	GELC
SCI-2	548.0	01/16/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.58	0.368	1.08	—	pCi/L	Y	—	J	N3B-2019-772	CASA-19-166275	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.48	0.608	1.77	—	pCi/L	Y	—	NQ	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	01/10/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	263	—	—	0.453	mg/L	Y	—	NQ	2018-1427	CASA-18-150797	GELC
SCI-2	548.0	05/09/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	241	—	—	0.453	mg/L	Y	—	NQ	2018-2526	CASA-18-154760	GELC
SCI-2	548.0	05/09/2018	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	236	—	—	0.453	mg/L	Y	—	NQ	2018-2526	CASA-18-154762	GELC
SCI-2	548.0	07/10/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	239	—	—	0.453	mg/L	Y	—	NQ	N3B-2018-2879	CASA-18-159857	GELC
SCI-2	548.0	11/13/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	235	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-459	CASA-19-164015	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	246	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	227	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	244	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	245	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	01/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	17.5	—	—	0.11	mg/L	Y	—	NQ	2018-1427	CASA-18-150797	GELC
SCI-2	548.0	05/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	16.3	—	—	0.11	mg/L	Y	—	NQ	2018-2526	CASA-18-154760	GELC
SCI-2	548.0	05/09/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	15.9	—	—	0.11	mg/L	Y	—	NQ	2018-2526	CASA-18-154762	GELC
SCI-2	548.0	07/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	16.1	—	—	0.11	mg/L	Y	—	NQ	N3B-2018-2879	CASA-18-159857	GELC
SCI-2	548.0	11/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	15.9	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-459	CASA-19-164015	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	16.7	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	15.7	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	16.2	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	16.4	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	01/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.579	—	—	0.2	µg/L	Y	—	NQ	2018-1427	CASA-18-150797	GELC
SCI-2	548.0	05/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.604	—	—	0.2	µg/L	Y	—	NQ	2018-2526	CASA-18-154760	GELC
SCI-2	548.0	05/09/2018	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.48	—	—	0.2	µg/L	Y	J	J	2018-2526	CASA-18-154762	GELC
SCI-2	548.0	07/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.486	—	—	0.2	µg/L	Y	J	J	N3B-2018-2879	CASA-18-159857	GELC
SCI-2	548.0	11/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.524	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-459	CASA-19-164015	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.478	—	—	0.2	µg/L	Y	J	J	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.37	—	—	0.2	µg/L	Y	J	J	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.566	—	—	0.2	µg/L	Y	J	J	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	11/12/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	4.38	2.76	10.1	—	pCi/L	Y	U	U	2015-296	CASA-15-90256	GELC
SCI-2	548.0	11/13/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.09	2.84	10.5	—	pCi/L	Y	U	U	2016-333	CASA-16-106248	GELC
SCI-2	548.0	11/13/2015	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.57	2.93	10.4	—	pCi/L	Y	U	U	2016-333	CASA-16-106220	GELC
SCI-2	548.0	11/18/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.932	1.86	7.07	—	pCi/L	Y	U	U	2017-524	CASA-17-127289	GELC
SCI-2	548.0	11/13/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.26	2.28	7.62	—	pCi/L	Y	U	U	2018-888	CASA-18-148004	GELC
SCI-2	548.0	11/13/2017	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.89	1.9	7.2	—	pCi/L	Y	U	U	2018-888	CASA-18-148012	GELC
SCI-2	548.0	01/16/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	3.2	2.32	7.98	—	pCi/L	Y	U	U	N3B-2019-772	CASA-19-166275	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.08	2.03	7.25	—	pCi/L	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	01/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	15.9	—	—	0.6	µg/L	Y	—	NQ	2018-1427	CASA-18-150797	GELC
SCI-2	548.0	05/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	16.2	—	—	0.6	µg/L	Y	—	NQ	2018-2526	CASA-18-154760	GELC
SCI-2	548.0	05/09/2018	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	16.1	—	—	0.6	µg/L	Y	—	NQ	2018-2526	CASA-18-154762	GELC
SCI-2	548.0	07/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	16.9	—	—	0.6	µg/L	Y	—	NQ	N3B-2018-2879	CASA-18-159857	GELC
SCI-2	548.0	11/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	15.3	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-459	CASA-19-164015	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	15.1	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	14	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	15.3	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	14.4	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	01/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.87	—	—	0.085	mg/L	Y	—	NQ	2018-1427	CASA-18-150797	GELC
SCI-2	548.0	05/09/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.85	—	—	0.17	mg/L	Y	—	NQ	2018-2526	CASA-18-154760	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
SCI-2	548.0	05/09/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.84	—	—	0.17	mg/L	Y	—	NQ	2018-2526	CASA-18-154762	GELC
SCI-2	548.0	07/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	4.26	—	—	0.085	mg/L	Y	—	NQ	N3B-2018-2879	CASA-18-159857	GELC
SCI-2	548.0	11/13/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.6	—	—	0.17	mg/L	Y	—	NQ	N3B-2019-459	CASA-19-164015	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.3	—	—	0.17	mg/L	Y	—	NQ	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.62	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.39	—	—	0.17	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.45	—	—	0.17	mg/L	Y	—	NQ	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	11/14/2011	WG	UF	INIT	REG	SVOC	SW-846:8270C	Nitrosodiethylamine[N-]	55-18-5	N	10	—	—	3	µg/L	Y	U	UJ	12-331	CASA-12-1376	GELC
SCI-2	548.0	11/14/2011	WG	UF	RE	REG	SVOC	SW-846:8270C	Nitrosodiethylamine[N-]	55-18-5	N	10.9	—	—	3.3	µg/L	N	U	U	12-331	CASA-12-1376	GELC
SCI-2	548.0	11/12/2014	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	5	—	—	0.8	µg/L	Y	U	U	2015-304	CASA-15-90256	SHEALY
SCI-2	548.0	11/13/2015	WG	UF	INIT	REG	SVOC	SW-846:8270DGCMS_SIM	Nitrosodiethylamine[N-]	55-18-5	N	0.105	—	—	0.0316	µg/L	Y	U	U	2016-333	CASA-16-106248	GELC
SCI-2	548.0	11/13/2015	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	5.15	—	—	1.55	µg/L	Y	U	U	2016-333	CASA-16-106248	GELC
SCI-2	548.0	11/13/2015	WG	UF	INIT	FD	SVOC	SW-846:8270DGCMS_SIM	Nitrosodiethylamine[N-]	55-18-5	N	0.104	—	—	0.0313	µg/L	Y	U	U	2016-333	CASA-16-106220	GELC
SCI-2	548.0	11/13/2015	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	5.15	—	—	1.55	µg/L	Y	U	U	2016-333	CASA-16-106220	GELC
SCI-2	548.0	11/13/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.16	—	—	3.16	µg/L	Y	U	U	2018-888	CASA-18-148004	GELC
SCI-2	548.0	11/13/2017	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.16	—	—	3.16	µg/L	Y	U	U	2018-888	CASA-18-148012	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	Y	0.00021	—	—	0.00018	µg/L	Y	J	J	N3B-2020-366	CASA-20-189204	SwRI
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.02	—	—	3.02	µg/L	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/14/2011	WG	UF	INIT	REG	SVOC	SW-846:8270C	Nitrosodimethylamine[N-]	62-75-9	N	10	—	—	3	µg/L	Y	U	UJ	12-331	CASA-12-1376	GELC
SCI-2	548.0	11/14/2011	WG	UF	RE	REG	SVOC	SW-846:8270C	Nitrosodimethylamine[N-]	62-75-9	N	10.9	—	—	3.3	µg/L	N	U	U	12-331	CASA-12-1376	GELC
SCI-2	548.0	11/12/2014	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	5	—	—	0.7	µg/L	Y	U	U	2015-304	CASA-15-90256	SHEALY
SCI-2	548.0	11/13/2015	WG	UF	INIT	REG	SVOC	SW-846:8270DGCMS_SIM	Nitrosodimethylamine[N-]	62-75-9	N	0.211	—	—	0.0737	µg/L	Y	U	U	2016-333	CASA-16-106248	GELC
SCI-2	548.0	11/13/2015	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	5.15	—	—	1.55	µg/L	Y	U	U	2016-333	CASA-16-106248	GELC
SCI-2	548.0	11/13/2015	WG	UF	INIT	FD	SVOC	SW-846:8270DGCMS_SIM	Nitrosodimethylamine[N-]	62-75-9	N	0.208	—	—	0.0729	µg/L	Y	U	U	2016-333	CASA-16-106220	GELC
SCI-2	548.0	11/13/2015	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	5.15	—	—	1.55	µg/L	Y	U	U	2016-333	CASA-16-106220	GELC
SCI-2	548.0	11/13/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.16	—	—	3.16	µg/L	Y	U	U	2018-888	CASA-18-148004	GELC
SCI-2	548.0	11/13/2017	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.16	—	—	3.16	µg/L	Y	U	U	2018-888	CASA-18-148012	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	Y	0.00136	—	—	0.00036	µg/L	Y	—	NQ	N3B-2020-366	CASA-20-189204	SwRI
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.02	—	—	3.02	µg/L	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/14/2011	WG	UF	RE	REG	SVOC	SW-846:8270C	Nitrosopyrrolidine[N-]	930-55-2	N	10.9	—	—	3.3	µg/L	N	U	UJ	12-331	CASA-12-1376	GELC
SCI-2	548.0	11/14/2011	WG	UF	INIT	REG	SVOC	SW-846:8270C	Nitrosopyrrolidine[N-]	930-55-2	N	10	—	—	3	µg/L	Y	U	UJ	12-331	CASA-12-1376	GELC
SCI-2	548.0	11/12/2014	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	5	—	—	2.1	µg/L	Y	U	U	2015-304	CASA-15-90256	SHEALY
SCI-2	548.0	11/13/2015	WG	UF	INIT	REG	SVOC	SW-846:8270DGCMS_SIM	Nitrosopyrrolidine[N-]	930-55-2	N	0.105	—	—	0.0316	µg/L	Y	U	U	2016-333	CASA-16-106248	GELC
SCI-2	548.0	11/13/2015	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	5.15	—	—	1.55	µg/L	Y	U	U	2016-333	CASA-16-106248	GELC
SCI-2	548.0	11/13/2015	WG	UF	INIT	FD	SVOC	SW-846:8270DGCMS_SIM	Nitrosopyrrolidine[N-]	930-55-2	N	0.104	—	—	0.0313	µg/L	Y	U	U	2016-333	CASA-16-106220	GELC
SCI-2	548.0	11/13/2015	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	5.15	—	—	1.55	µg/L	Y	U	U	2016-333	CASA-16-106220	GELC
SCI-2	548.0	11/13/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	3.16	—	—	3.16	µg/L	Y	U	U	2018-888	CASA-18-148004	GELC
SCI-2	548.0	11/13/2017	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	3.16	—	—	3.16	µg/L	Y	U	U	2018-888	CASA-18-148012	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	Y	0.000591	—	—	0.00033	µg/L	Y	—	NQ	N3B-2020-366	CASA-20-189204	SwRI
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	3.02	—	—	3.02	µg/L	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	01/10/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.913	—	—	0.05	µg/L	Y	—	NQ	2018-1427	CASA-18-150797	GELC
SCI-2	548.0	05/09/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.83	—	—	0.05	µg/L	Y	—	NQ	2018-2526	CASA-18-154760	GELC
SCI-2	548.0	05/09/2018	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.862	—	—	0.05	µg/L	Y	—	NQ	2018-2526	CASA-18-154762	GELC
SCI-2	548.0	07/10/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.954	—	—	0.05	µg/L	Y	—	NQ	N3B-2018-2879	CASA-18-159857	GELC
SCI-2	548.0	11/13/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.902	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-459	CASA-19-164015	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.97	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.904	—	—	0.05	µg/L	Y	H	NQ	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.907	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.924	—	—	0.05	µg/L	Y	—	J	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	11/12/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00327	0.00566	0.0438	—	pCi/L	Y	U	U	2015-296	CASA-15-90256	GELC
SCI-2	548.0	11/13/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0141	0.00938	0.0274	—	pCi/L	Y	U	U	2016-333	CASA-16-106248	GELC
SCI-2	548.0	11/13/2015	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00515	0.0109	0.0301	—	pCi/L	Y	U	U	2016-333	CASA-16-106220	GELC
SCI-2	548.0	11/18/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0111	0.0123	0.086	—	pCi/L	Y	U	U	2017-524	CASA-17-127289	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
SCI-2	548.0	11/13/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0375	0.0234	0.0921	—	pCi/L	Y	U	U	2018-888	CASA-18-148004	GELC
SCI-2	548.0	11/13/2017	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.01	0.0158	0.0737	—	pCi/L	Y	U	U	2018-888	CASA-18-148012	GELC
SCI-2	548.0	01/16/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00901	0.0054	0.0394	—	pCi/L	Y	U	U	N3B-2019-772	CASA-19-166275	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0029	0.0087	0.0526	—	pCi/L	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/12/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0229	0.0108	0.0646	—	pCi/L	Y	U	U	2015-296	CASA-15-90256	GELC
SCI-2	548.0	11/13/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0187	0.00937	0.0527	—	pCi/L	Y	U	U	2016-333	CASA-16-106248	GELC
SCI-2	548.0	11/13/2015	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00772	0.00996	0.0578	—	pCi/L	Y	U	U	2016-333	CASA-16-106220	GELC
SCI-2	548.0	11/18/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00371	0.00982	0.065	—	pCi/L	Y	U	U	2017-524	CASA-17-127289	GELC
SCI-2	548.0	11/13/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00625	0.0165	0.132	—	pCi/L	Y	U	U	2018-888	CASA-18-148004	GELC
SCI-2	548.0	11/13/2017	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00000000333	0.0158	0.105	—	pCi/L	Y	U	U	2018-888	CASA-18-148012	GELC
SCI-2	548.0	01/16/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0144	0.00624	0.046	—	pCi/L	Y	U	U	N3B-2019-772	CASA-19-166275	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.0058	0.0511	—	pCi/L	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	01/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.86	—	—	0.05	mg/L	Y	—	NQ	2018-1427	CASA-18-150797	GELC
SCI-2	548.0	05/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.76	—	—	0.05	mg/L	Y	—	NQ	2018-2526	CASA-18-154760	GELC
SCI-2	548.0	05/09/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	3.67	—	—	0.05	mg/L	Y	—	NQ	2018-2526	CASA-18-154762	GELC
SCI-2	548.0	07/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-2879	CASA-18-159857	GELC
SCI-2	548.0	11/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.57	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-459	CASA-19-164015	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.73	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.69	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.86	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	4	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	11/12/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	13.1	13.3	30.6	—	pCi/L	Y	U	U	2015-296	CASA-15-90256	GELC
SCI-2	548.0	11/13/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	21.3	23	65.3	—	pCi/L	Y	U	U	2016-333	CASA-16-106248	GELC
SCI-2	548.0	11/13/2015	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	2.8	15.6	63.9	—	pCi/L	Y	U	U	2016-333	CASA-16-106220	GELC
SCI-2	548.0	11/18/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-17.3	13.8	43.3	—	pCi/L	Y	U	U	2017-524	CASA-17-127289	GELC
SCI-2	548.0	11/13/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	10.9	20.2	36.4	—	pCi/L	Y	U	U	2018-888	CASA-18-148004	GELC
SCI-2	548.0	11/13/2017	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-26.3	12.9	44.4	—	pCi/L	Y	U	U	2018-888	CASA-18-148012	GELC
SCI-2	548.0	01/16/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-8.1	15.6	53.9	—	pCi/L	Y	U	U	N3B-2019-772	CASA-19-166275	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-26.9	15	49.9	—	pCi/L	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/14/2011	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	1.26	0.27	0.43	—	pCi/L	Y	—	NQ	12-331	CASA-12-1376	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.418	0.158	0.457	—	pCi/L	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.494	0.217	—	—	pCi/L	Y	—	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/14/2011	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.0965	0.22	0.79	—	pCi/L	Y	U	U	12-331	CASA-12-1376	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.0767	0.149	0.542	—	pCi/L	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	01/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	63.4	—	—	0.053	mg/L	Y	—	NQ	2018-1427	CASA-18-150797	GELC
SCI-2	548.0	05/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.5	—	—	0.053	mg/L	Y	—	NQ	2018-2526	CASA-18-154760	GELC
SCI-2	548.0	05/09/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	64.2	—	—	0.053	mg/L	Y	—	NQ	2018-2526	CASA-18-154762	GELC
SCI-2	548.0	07/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	63.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2018-2879	CASA-18-159857	GELC
SCI-2	548.0	11/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	62.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-459	CASA-19-164015	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	59.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	62.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	60.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	01/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	25.9	—	—	0.1	mg/L	Y	—	NQ	2018-1427	CASA-18-150797	GELC
SCI-2	548.0	05/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	23.5	—	—	0.1	mg/L	Y	E	NQ	2018-2526	CASA-18-154760	GELC
SCI-2	548.0	05/09/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	23	—	—	0.1	mg/L	Y	E	NQ	2018-2526	CASA-18-154762	GELC
SCI-2	548.0	07/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	23.6	—	—	0.1	mg/L	Y	—	NQ	N3B-2018-2879	CASA-18-159857	GELC
SCI-2	548.0	11/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	22.6	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-459	CASA-19-164015	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	23.7	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	22.4	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	23.5	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	23.7	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	11/12/2014	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.778	1.1	4.01	—	pCi/L	Y	U	U	2015-296	CASA-15-90256	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
SCI-2	548.0	11/13/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.61	1.38	4.31	—	pCi/L	Y	U	U	2016-333	CASA-16-106248	GELC
SCI-2	548.0	11/13/2015	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.6	1.31	4.47	—	pCi/L	Y	U	U	2016-333	CASA-16-106220	GELC
SCI-2	548.0	11/18/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.356	0.964	3.68	—	pCi/L	Y	U	U	2017-524	CASA-17-127289	GELC
SCI-2	548.0	11/13/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.272	1	3.71	—	pCi/L	Y	U	U	2018-888	CASA-18-148004	GELC
SCI-2	548.0	11/13/2017	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	1.45	0.972	4.52	—	pCi/L	Y	U	U	2018-888	CASA-18-148012	GELC
SCI-2	548.0	01/16/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.99	1.41	4.32	—	pCi/L	Y	U	U	N3B-2019-772	CASA-19-166275	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.236	0.963	3.7	—	pCi/L	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	01/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	627	—	—	1	µS/cm	Y	—	NQ	2018-1427	CASA-18-150797	GELC
SCI-2	548.0	05/09/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	626	—	—	1	µS/cm	Y	—	NQ	2018-2526	CASA-18-154760	GELC
SCI-2	548.0	05/09/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	625	—	—	1	µS/cm	Y	—	NQ	2018-2526	CASA-18-154762	GELC
SCI-2	548.0	07/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	627	—	—	1	µS/cm	Y	—	NQ	N3B-2018-2879	CASA-18-159857	GELC
SCI-2	548.0	11/13/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	630	—	—	1	µS/cm	Y	—	NQ	N3B-2019-459	CASA-19-164015	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	633	—	—	1	µS/cm	Y	—	NQ	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	633	—	—	1	µS/cm	Y	—	NQ	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	647	—	—	1	µS/cm	Y	—	NQ	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	628	—	—	1	µS/cm	Y	—	NQ	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	01/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	360	—	—	1	µg/L	Y	—	NQ	2018-1427	CASA-18-150797	GELC
SCI-2	548.0	05/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	336	—	—	1	µg/L	Y	—	NQ	2018-2526	CASA-18-154760	GELC
SCI-2	548.0	05/09/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	329	—	—	1	µg/L	Y	—	NQ	2018-2526	CASA-18-154762	GELC
SCI-2	548.0	07/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	330	—	—	1	µg/L	Y	—	NQ	N3B-2018-2879	CASA-18-159857	GELC
SCI-2	548.0	11/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	324	—	—	1	µg/L	Y	—	NQ	N3B-2019-459	CASA-19-164015	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	334	—	—	1	µg/L	Y	—	NQ	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	316	—	—	1	µg/L	Y	—	NQ	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	337	—	—	1	µg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	339	—	—	1	µg/L	Y	—	NQ	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	11/12/2014	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0756	0.113	0.409	—	pCi/L	Y	U	U	2015-296	CASA-15-90256	GELC
SCI-2	548.0	11/13/2015	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.207	0.116	0.468	—	pCi/L	Y	U	U	2016-333	CASA-16-106248	GELC
SCI-2	548.0	11/13/2015	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.184	0.121	0.477	—	pCi/L	Y	U	U	2016-333	CASA-16-106220	GELC
SCI-2	548.0	11/18/2016	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.215	0.118	0.385	—	pCi/L	Y	U	U	2017-524	CASA-17-127289	GELC
SCI-2	548.0	11/13/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.176	0.0993	0.432	—	pCi/L	Y	U	U	2018-888	CASA-18-148004	GELC
SCI-2	548.0	11/13/2017	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0736	0.108	0.431	—	pCi/L	Y	U	U	2018-888	CASA-18-148012	GELC
SCI-2	548.0	01/16/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.138	0.128	0.428	—	pCi/L	Y	U	U	N3B-2019-772	CASA-19-166275	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.245	0.135	0.488	—	pCi/L	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	01/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	97.3	—	—	2.66	mg/L	Y	—	NQ	2018-1427	CASA-18-150797	GELC
SCI-2	548.0	05/09/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	88	—	—	1.33	mg/L	Y	—	NQ	2018-2526	CASA-18-154760	GELC
SCI-2	548.0	05/09/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	87.9	—	—	1.33	mg/L	Y	—	NQ	2018-2526	CASA-18-154762	GELC
SCI-2	548.0	07/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	91.6	—	—	1.33	mg/L	Y	—	NQ	N3B-2018-2879	CASA-18-159857	GELC
SCI-2	548.0	11/13/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	92.4	—	—	2.66	mg/L	Y	—	NQ	N3B-2019-459	CASA-19-164015	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	87.7	—	—	1.33	mg/L	Y	—	NQ	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	88.7	—	—	1.33	mg/L	Y	H	J-	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	92.9	—	—	1.33	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	85.8	—	—	2.66	mg/L	Y	—	NQ	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	01/10/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-1427	CASA-18-150797	GELC
SCI-2	548.0	01/10/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-1427	CASA-18-150798	GELC
SCI-2	548.0	05/09/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-2526	CASA-18-154760	GELC
SCI-2	548.0	05/09/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-2526	CASA-18-154761	GELC
SCI-2	548.0	05/09/2018	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-2526	CASA-18-154762	GELC
SCI-2	548.0	05/09/2018	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-2526	CASA-18-154763	GELC
SCI-2	548.0	07/10/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2018-2879	CASA-18-159857	GELC
SCI-2	548.0	07/10/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2018-2879	CASA-18-159858	GELC
SCI-2	548.0	11/13/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-459	CASA-19-164015	GELC
SCI-2	548.0	11/13/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-459	CASA-19-164016	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-772	CASA-19-165997	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
SCI-2	548.0	01/16/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-772	CASA-19-166275	GELC
SCI-2	548.0	05/14/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-1916	CASA-19-175181	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	07/12/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-2508	CASA-19-182097	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	05/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	2018-2526	CASA-18-154760	GELC
SCI-2	548.0	05/09/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	2018-2526	CASA-18-154762	GELC
SCI-2	548.0	07/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2018-2879	CASA-18-159857	GELC
SCI-2	548.0	11/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	11.5	—	—	2.5	µg/L	Y	—	NQ	N3B-2019-459	CASA-19-164015	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	35.1	—	—	2.5	µg/L	Y	—	J+	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	01/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	407	—	—	3.4	mg/L	Y	—	NQ	2018-1427	CASA-18-150797	GELC
SCI-2	548.0	05/09/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	456	—	—	3.4	mg/L	Y	—	NQ	2018-2526	CASA-18-154760	GELC
SCI-2	548.0	05/09/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	469	—	—	3.4	mg/L	Y	—	NQ	2018-2526	CASA-18-154762	GELC
SCI-2	548.0	07/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	431	—	—	3.4	mg/L	Y	—	NQ	N3B-2018-2879	CASA-18-159857	GELC
SCI-2	548.0	11/13/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	471	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-459	CASA-19-164015	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	487	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	443	—	—	3.4	mg/L	Y	H	NQ	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	450	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	457	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	01/10/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	2018-1427	CASA-18-150798	GELC
SCI-2	548.0	05/09/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.265	—	—	0.033	mg/L	Y	—	NQ	2018-2526	CASA-18-154761	GELC
SCI-2	548.0	05/09/2018	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.276	—	—	0.033	mg/L	Y	—	NQ	2018-2526	CASA-18-154763	GELC
SCI-2	548.0	07/10/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.276	—	—	0.033	mg/L	Y	—	NQ	N3B-2018-2879	CASA-18-159858	GELC
SCI-2	548.0	11/13/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.159	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-459	CASA-19-164016	GELC
SCI-2	548.0	01/16/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0743	—	—	0.033	mg/L	Y	J	J	N3B-2019-772	CASA-19-166275	GELC
SCI-2	548.0	05/14/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.232	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2011	CASA-19-175181	GELC
SCI-2	548.0	07/12/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.231	—	—	0.033	mg/L	Y	—	J+	N3B-2019-2508	CASA-19-182097	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.205	—	—	0.033	mg/L	Y	—	J+	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	01/10/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.771	—	—	0.33	mg/L	Y	J	J	2018-1427	CASA-18-150798	GELC
SCI-2	548.0	05/09/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.643	—	—	0.33	mg/L	Y	J	J	2018-2526	CASA-18-154761	GELC
SCI-2	548.0	05/09/2018	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.612	—	—	0.33	mg/L	Y	J	J	2018-2526	CASA-18-154763	GELC
SCI-2	548.0	07/10/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.647	—	—	0.33	mg/L	Y	J	J	N3B-2018-2879	CASA-18-159858	GELC
SCI-2	548.0	11/13/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.715	—	—	0.33	mg/L	Y	J	J	N3B-2019-459	CASA-19-164016	GELC
SCI-2	548.0	01/16/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.695	—	—	0.33	mg/L	Y	J	J	N3B-2019-772	CASA-19-166275	GELC
SCI-2	548.0	05/14/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.705	—	—	0.33	mg/L	Y	HJ	J-	N3B-2019-2011	CASA-19-175181	GELC
SCI-2	548.0	07/12/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.977	—	—	0.33	mg/L	Y	J	J	N3B-2019-2508	CASA-19-182097	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.603	—	—	0.33	mg/L	Y	J	J	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	05/09/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0352	—	—	0.02	mg/L	Y	J	J	2018-2526	CASA-18-154760	GELC
SCI-2	548.0	05/09/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0383	—	—	0.02	mg/L	Y	J	J	2018-2526	CASA-18-154762	GELC
SCI-2	548.0	07/10/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0517	—	—	0.02	mg/L	Y	—	U	N3B-2018-2879	CASA-18-159857	GELC
SCI-2	548.0	11/13/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0423	—	—	0.02	mg/L	Y	J	U	N3B-2019-459	CASA-19-164015	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0421	—	—	0.02	mg/L	Y	J	U	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0332	—	—	0.02	mg/L	Y	J	J	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0813	—	—	0.02	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0392	—	—	0.02	mg/L	Y	J	J	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	11/13/2015	WG	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	Y	292	60.8	169	—	pCi/L	Y	—	NQ	2016-333	CASA-16-106248	GELC
SCI-2	548.0	11/13/2015	WG	UF	INIT	FD	RAD	EPA:906.0	Tritium	H-3	Y	321	62.1	169	—	pCi/L	Y	—	NQ	2016-333	CASA-16-106220	GELC
SCI-2	548.0	11/18/2016	WG	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	Y	286	50.2	142	—	pCi/L	Y	—	NQ	2017-524	CASA-17-127289	GELC
SCI-2	548.0	11/13/2017	WG	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	N	132	43.8	137	—	pCi/L	Y	U	U	2018-888	CASA-18-148004	GELC
SCI-2	548.0	11/13/2017	WG	UF	INIT	FD	RAD	EPA:906.0	Tritium	H-3	Y	264	46.6	132	—	pCi/L	Y	—	NQ	2018-888	CASA-18-148012	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
SCI-2	548.0	11/13/2018	WG	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	Y	290	44.5	120	—	pCi/L	Y	—	NQ	N3B-2019-459	CASA-19-164016	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	Y	232	45.1	130	—	pCi/L	Y	—	NQ	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	01/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.88	—	—	0.067	µg/L	Y	—	NQ	2018-1427	CASA-18-150797	GELC
SCI-2	548.0	05/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	2.09	—	—	0.067	µg/L	Y	—	NQ	2018-2526	CASA-18-154760	GELC
SCI-2	548.0	05/09/2018	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	2.08	—	—	0.067	µg/L	Y	—	NQ	2018-2526	CASA-18-154762	GELC
SCI-2	548.0	07/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.98	—	—	0.067	µg/L	Y	—	NQ	N3B-2018-2879	CASA-18-159857	GELC
SCI-2	548.0	11/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	2.27	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-459	CASA-19-164015	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	2.18	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	2.04	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	2.01	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	2.29	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	11/12/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.22	0.0563	0.0522	—	pCi/L	Y	—	NQ	2015-296	CASA-15-90256	GELC
SCI-2	548.0	11/13/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.17	0.0479	0.0621	—	pCi/L	Y	—	NQ	2016-333	CASA-16-106248	GELC
SCI-2	548.0	11/13/2015	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.08	0.0573	0.0967	—	pCi/L	Y	—	NQ	2016-333	CASA-16-106220	GELC
SCI-2	548.0	11/18/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.948	0.0559	0.129	—	pCi/L	Y	—	NQ	2017-524	CASA-17-127289	GELC
SCI-2	548.0	11/13/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.28	0.0636	0.153	—	pCi/L	Y	—	NQ	2018-888	CASA-18-148004	GELC
SCI-2	548.0	11/13/2017	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.19	0.0553	0.126	—	pCi/L	Y	—	NQ	2018-888	CASA-18-148012	GELC
SCI-2	548.0	01/16/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.31	0.0738	0.102	—	pCi/L	Y	—	NQ	N3B-2019-772	CASA-19-166275	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.22	0.0655	0.0703	—	pCi/L	Y	—	NQ	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/12/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0315	0.0141	0.0455	—	pCi/L	Y	U	U	2015-296	CASA-15-90256	GELC
SCI-2	548.0	11/13/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0306	0.00911	0.0542	—	pCi/L	Y	U	U	2016-333	CASA-16-106248	GELC
SCI-2	548.0	11/13/2015	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0732	0.0172	0.0843	—	pCi/L	Y	U	U	2016-333	CASA-16-106220	GELC
SCI-2	548.0	11/18/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0406	0.0143	0.0876	—	pCi/L	Y	U	U	2017-524	CASA-17-127289	GELC
SCI-2	548.0	11/13/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.179	0.0266	0.0662	—	pCi/L	Y	—	NQ	2018-888	CASA-18-148004	GELC
SCI-2	548.0	11/13/2017	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.134	0.021	0.0544	—	pCi/L	Y	—	NQ	2018-888	CASA-18-148012	GELC
SCI-2	548.0	01/16/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0497	0.0188	0.0952	—	pCi/L	Y	U	U	N3B-2019-772	CASA-19-166275	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0397	0.0175	0.0504	—	pCi/L	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/12/2014	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.579	0.0396	0.05	—	pCi/L	Y	—	NQ	2015-296	CASA-15-90256	GELC
SCI-2	548.0	11/13/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.641	0.0362	0.0614	—	pCi/L	Y	—	NQ	2016-333	CASA-16-106248	GELC
SCI-2	548.0	11/13/2015	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.61	0.0429	0.0955	—	pCi/L	Y	—	NQ	2016-333	CASA-16-106220	GELC
SCI-2	548.0	11/18/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.605	0.0443	0.0992	—	pCi/L	Y	—	NQ	2017-524	CASA-17-127289	GELC
SCI-2	548.0	11/13/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.686	0.0469	0.0896	—	pCi/L	Y	—	NQ	2018-888	CASA-18-148004	GELC
SCI-2	548.0	11/13/2017	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.713	0.0429	0.0737	—	pCi/L	Y	—	NQ	2018-888	CASA-18-148012	GELC
SCI-2	548.0	01/16/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.697	0.0539	0.119	—	pCi/L	Y	—	NQ	N3B-2019-772	CASA-19-166275	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.66	0.0477	0.0823	—	pCi/L	Y	—	NQ	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	05/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	N	1	—	—	1	µg/L	Y	U	U	2018-2526	CASA-18-154760	GELC
SCI-2	548.0	05/09/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	N	1	—	—	1	µg/L	Y	U	U	2018-2526	CASA-18-154762	GELC
SCI-2	548.0	07/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	N	1	—	—	1	µg/L	Y	U	U	N3B-2018-2879	CASA-18-159857	GELC
SCI-2	548.0	11/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	N	1	—	—	1	µg/L	Y	U	U	N3B-2019-459	CASA-19-164015	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	N	1	—	—	1	µg/L	Y	U	U	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.18	—	—	1	µg/L	Y	J	J	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.67	—	—	1	µg/L	Y	J	J	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	01/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	7.68	—	—	3.3	µg/L	Y	J	J	2018-1427	CASA-18-150797	GELC
SCI-2	548.0	05/09/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	8.68	—	—	3.3	µg/L	Y	J	U	2018-2526	CASA-18-154760	GELC
SCI-2	548.0	05/09/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Zinc	Zn	N	7.89	—	—	3.3	µg/L	Y	J	U	2018-2526	CASA-18-154762	GELC
SCI-2	548.0	07/10/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	9.85	—	—	3.3	µg/L	Y	J	J	N3B-2018-2879	CASA-18-159857	GELC
SCI-2	548.0	11/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	7.39	—	—	3.3	µg/L	Y	J	J	N3B-2019-459	CASA-19-164015	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	6.17	—	—	3.3	µg/L	Y	J	J	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	8.41	—	—	3.3	µg/L	Y	J	J	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	5.43	—	—	3.3	µg/L	Y	J	J	N3B-2020-367	CASA-20-189203	GELC
SIMR-2	885.0	09/13/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.98	—	—	0.01	SU	Y	H	NQ	N3B-2018-3900	CAMO-18-160812	GELC
SIMR-2	885.0	10/29/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.93	—	—	0.01	SU	Y	H	NQ	N3B-2019-289	CAMO-19-163730	GELC
SIMR-2	885.0	11/15/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.99	—	—	0.01	SU	Y	H	NQ	N3B-2019-485	CAMO-19-164008	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
SIMR-2	885.0	12/20/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.94	—	—	0.01	SU	Y	H	NQ	N3B-2019-710	CAMO-19-164872	GELC
SIMR-2	885.0	01/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.9	—	—	0.01	SU	Y	H	NQ	N3B-2019-783	CAMO-19-165994	GELC
SIMR-2	885.0	02/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.85	—	—	0.01	SU	Y	H	NQ	N3B-2019-930	CAMO-19-166469	GELC
SIMR-2	885.0	03/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.98	—	—	0.01	SU	Y	H	NQ	N3B-2019-1230	CAMO-19-167716	GELC
SIMR-2	885.0	04/29/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.98	—	—	0.01	SU	Y	H	NQ	N3B-2019-1636	CAMO-19-174836	GELC
SIMR-2	885.0	05/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.84	—	—	0.01	SU	Y	H	NQ	N3B-2019-1989	CAMO-19-175175	GELC
SIMR-2	885.0	06/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.97	—	—	0.01	SU	Y	H	NQ	N3B-2019-2184	CAMO-19-181699	GELC
SIMR-2	885.0	07/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.98	—	—	0.01	SU	Y	H	NQ	N3B-2019-2598	CAMO-19-181870	GELC
SIMR-2	885.0	08/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8	—	—	0.01	SU	Y	H	J-	N3B-2019-3087	CAMO-19-184745	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.02	—	—	0.01	SU	Y	H	NQ	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.91	—	—	0.01	SU	Y	H	NQ	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	09/13/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	60	—	—	1.45	mg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160812	GELC
SIMR-2	885.0	10/29/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	59.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-289	CAMO-19-163730	GELC
SIMR-2	885.0	11/15/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	60	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-485	CAMO-19-164008	GELC
SIMR-2	885.0	12/20/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-710	CAMO-19-164872	GELC
SIMR-2	885.0	01/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	60	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-783	CAMO-19-165994	GELC
SIMR-2	885.0	02/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	59.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-930	CAMO-19-166469	GELC
SIMR-2	885.0	03/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	60.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-1230	CAMO-19-167716	GELC
SIMR-2	885.0	04/29/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-1636	CAMO-19-174836	GELC
SIMR-2	885.0	05/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-1989	CAMO-19-175175	GELC
SIMR-2	885.0	06/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	60.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-2184	CAMO-19-181699	GELC
SIMR-2	885.0	07/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	58.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-2598	CAMO-19-181870	GELC
SIMR-2	885.0	08/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.4	—	—	1.45	mg/L	Y	H	NQ	N3B-2019-3087	CAMO-19-184745	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	60.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	10/23/2015	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0125	0.00659	0.0337	—	pCi/L	Y	U	U	2016-125	CASA-16-106064	GELC
SIMR-2	885.0	11/24/2015	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0322	0.0102	0.0416	—	pCi/L	Y	U	U	2016-414	CASA-16-106221	GELC
SIMR-2	885.0	11/24/2015	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00486	0.0091	0.0408	—	pCi/L	Y	U	U	2016-414	CASA-16-106249	GELC
SIMR-2	885.0	05/17/2016	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00232	0.00613	0.0455	—	pCi/L	Y	U	U	2016-1223	CAMO-16-115234	GELC
SIMR-2	885.0	05/17/2016	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0124	0.00714	0.0405	—	pCi/L	Y	U	U	2016-1223	CAMO-16-115268	GELC
SIMR-2	885.0	11/15/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00866	0.00684	0.0385	—	pCi/L	Y	U	U	2018-922	CAMO-18-148085	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00732	0.00518	0.0367	—	pCi/L	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	09/13/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.017	mg/L	Y	U	U	N3B-2018-3900	CAMO-18-160812	GELC
SIMR-2	885.0	10/29/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0439	—	—	0.017	mg/L	Y	J	J	N3B-2019-289	CAMO-19-163730	GELC
SIMR-2	885.0	11/15/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0486	—	—	0.017	mg/L	Y	J	U	N3B-2019-485	CAMO-19-164008	GELC
SIMR-2	885.0	12/20/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.017	mg/L	Y	U	U	N3B-2019-710	CAMO-19-164872	GELC
SIMR-2	885.0	01/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0676	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-783	CAMO-19-165994	GELC
SIMR-2	885.0	03/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0387	—	—	0.017	mg/L	Y	J	J	N3B-2019-1230	CAMO-19-167716	GELC
SIMR-2	885.0	05/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0271	—	—	0.017	mg/L	Y	J	J	N3B-2019-1989	CAMO-19-175175	GELC
SIMR-2	885.0	07/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0568	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-2598	CAMO-19-181870	GELC
SIMR-2	885.0	08/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0372	—	—	0.017	mg/L	Y	J	J	N3B-2019-3087	CAMO-19-184745	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.035	—	—	0.017	mg/L	Y	J	J	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0832	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	10/29/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.46	—	—	2	µg/L	Y	J	J	N3B-2019-289	CAMO-19-163730	GELC
SIMR-2	885.0	11/15/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	2.31	—	—	2	µg/L	Y	J	U	N3B-2019-485	CAMO-19-164008	GELC
SIMR-2	885.0	12/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.49	—	—	2	µg/L	Y	J	J	N3B-2019-710	CAMO-19-164872	GELC
SIMR-2	885.0	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	N3B-2019-783	CAMO-19-165994	GELC
SIMR-2	885.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.41	—	—	2	µg/L	Y	J	J	N3B-2019-930	CAMO-19-166469	GELC
SIMR-2	885.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.22	—	—	2	µg/L	Y	J	J	N3B-2019-1230	CAMO-19-167716	GELC
SIMR-2	885.0	05/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.57	—	—	2	µg/L	Y	J	J	N3B-2019-1989	CAMO-19-175175	GELC
SIMR-2	885.0	06/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.78	—	—	2	µg/L	Y	J	J	N3B-2019-2184	CAMO-19-181699	GELC
SIMR-2	885.0	07/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.39	—	—	2	µg/L	Y	J	J	N3B-2019-2598	CAMO-19-181870	GELC
SIMR-2	885.0	08/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.55	—	—	2	µg/L	Y	J	J	N3B-2019-3087	CAMO-19-184745	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
SIMR-2	885.0	09/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	21.7	—	—	1	µg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160812	GELC
SIMR-2	885.0	10/29/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	24	—	—	1	µg/L	Y	—	NQ	N3B-2019-289	CAMO-19-163730	GELC
SIMR-2	885.0	11/15/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	24.9	—	—	1	µg/L	Y	—	NQ	N3B-2019-485	CAMO-19-164008	GELC
SIMR-2	885.0	12/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	21.5	—	—	1	µg/L	Y	—	NQ	N3B-2019-710	CAMO-19-164872	GELC
SIMR-2	885.0	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	24.4	—	—	1	µg/L	Y	—	NQ	N3B-2019-783	CAMO-19-165994	GELC
SIMR-2	885.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	23.8	—	—	1	µg/L	Y	—	NQ	N3B-2019-930	CAMO-19-166469	GELC
SIMR-2	885.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	23.5	—	—	1	µg/L	Y	—	NQ	N3B-2019-1230	CAMO-19-167716	GELC
SIMR-2	885.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	24.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-1636	CAMO-19-174836	GELC
SIMR-2	885.0	05/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	21.9	—	—	1	µg/L	Y	—	NQ	N3B-2019-1989	CAMO-19-175175	GELC
SIMR-2	885.0	06/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	23.4	—	—	1	µg/L	Y	—	NQ	N3B-2019-2184	CAMO-19-181699	GELC
SIMR-2	885.0	07/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	23.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-2598	CAMO-19-181870	GELC
SIMR-2	885.0	08/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	24.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-3087	CAMO-19-184745	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	23.5	—	—	1	µg/L	Y	—	NQ	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	26.5	—	—	1	µg/L	Y	—	NQ	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	09/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2018-3900	CAMO-18-160812	GELC
SIMR-2	885.0	10/29/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2019-289	CAMO-19-163730	GELC
SIMR-2	885.0	11/15/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2019-485	CAMO-19-164008	GELC
SIMR-2	885.0	12/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2019-710	CAMO-19-164872	GELC
SIMR-2	885.0	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	15.6	—	—	15	µg/L	Y	J	J	N3B-2019-783	CAMO-19-165994	GELC
SIMR-2	885.0	09/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160812	GELC
SIMR-2	885.0	10/29/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-289	CAMO-19-163730	GELC
SIMR-2	885.0	11/15/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-485	CAMO-19-164008	GELC
SIMR-2	885.0	12/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-710	CAMO-19-164872	GELC
SIMR-2	885.0	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-783	CAMO-19-165994	GELC
SIMR-2	885.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-930	CAMO-19-166469	GELC
SIMR-2	885.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1230	CAMO-19-167716	GELC
SIMR-2	885.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1636	CAMO-19-174836	GELC
SIMR-2	885.0	05/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.9	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1989	CAMO-19-175175	GELC
SIMR-2	885.0	06/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2184	CAMO-19-181699	GELC
SIMR-2	885.0	07/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2598	CAMO-19-181870	GELC
SIMR-2	885.0	08/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.9	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3087	CAMO-19-184745	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	10/23/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.33	1.59	5.36	—	pCi/L	Y	U	U	2016-125	CASA-16-106064	GELC
SIMR-2	885.0	11/24/2015	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.878	1.84	6.71	—	pCi/L	Y	U	U	2016-414	CASA-16-106221	GELC
SIMR-2	885.0	11/24/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.482	1.46	5.55	—	pCi/L	Y	U	U	2016-414	CASA-16-106249	GELC
SIMR-2	885.0	05/17/2016	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.76	1.16	3.92	—	pCi/L	Y	U	U	2016-1223	CAMO-16-115234	GELC
SIMR-2	885.0	05/17/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.59	2.13	6.25	—	pCi/L	Y	U	U	2016-1223	CAMO-16-115268	GELC
SIMR-2	885.0	11/15/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.35	1.38	5.58	—	pCi/L	Y	U	U	2018-922	CAMO-18-148085	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.63	1.57	3.21	—	pCi/L	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	09/13/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.22	—	—	0.067	mg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160812	GELC
SIMR-2	885.0	10/29/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.18	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-289	CAMO-19-163730	GELC
SIMR-2	885.0	11/15/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.21	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-485	CAMO-19-164008	GELC
SIMR-2	885.0	12/20/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.15	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-710	CAMO-19-164872	GELC
SIMR-2	885.0	01/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.11	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-783	CAMO-19-165994	GELC
SIMR-2	885.0	02/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.11	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-930	CAMO-19-166469	GELC
SIMR-2	885.0	03/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.1	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-1230	CAMO-19-167716	GELC
SIMR-2	885.0	04/29/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.35	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-1636	CAMO-19-174836	GELC
SIMR-2	885.0	05/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.14	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-1989	CAMO-19-175175	GELC
SIMR-2	885.0	06/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.17	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-2184	CAMO-19-181699	GELC
SIMR-2	885.0	07/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.23	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-2598	CAMO-19-181870	GELC
SIMR-2	885.0	08/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.19	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-3087	CAMO-19-184745	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.18	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-3518	CAMO-19-186545	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.4	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	09/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.64	—	—	3	µg/L	Y	J	J	N3B-2018-3900	CAMO-18-160812	GELC
SIMR-2	885.0	10/29/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.64	—	—	3	µg/L	Y	J	J	N3B-2019-289	CAMO-19-163730	GELC
SIMR-2	885.0	11/15/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.96	—	—	3	µg/L	Y	J	J	N3B-2019-485	CAMO-19-164008	GELC
SIMR-2	885.0	12/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.48	—	—	3	µg/L	Y	J	J	N3B-2019-710	CAMO-19-164872	GELC
SIMR-2	885.0	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.05	—	—	3	µg/L	Y	J	J	N3B-2019-783	CAMO-19-165994	GELC
SIMR-2	885.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.71	—	—	3	µg/L	Y	J	J	N3B-2019-930	CAMO-19-166469	GELC
SIMR-2	885.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.61	—	—	3	µg/L	Y	J	J	N3B-2019-1230	CAMO-19-167716	GELC
SIMR-2	885.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.84	—	—	3	µg/L	Y	J	J	N3B-2019-1636	CAMO-19-174836	GELC
SIMR-2	885.0	05/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.26	—	—	3	µg/L	Y	J	J	N3B-2019-1989	CAMO-19-175175	GELC
SIMR-2	885.0	06/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.93	—	—	3	µg/L	Y	J	J	N3B-2019-2184	CAMO-19-181699	GELC
SIMR-2	885.0	07/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.7	—	—	3	µg/L	Y	J	J	N3B-2019-2598	CAMO-19-181870	GELC
SIMR-2	885.0	08/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.48	—	—	3	µg/L	Y	J	J	N3B-2019-3087	CAMO-19-184745	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	5.15	—	—	3	µg/L	Y	J	J	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	4.93	—	—	3	µg/L	Y	J	J	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	10/23/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.614	1.04	3.86	—	pCi/L	Y	U	U	2016-125	CASA-16-106064	GELC
SIMR-2	885.0	11/24/2015	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.93	1.46	6.26	—	pCi/L	Y	U	U	2016-414	CASA-16-106221	GELC
SIMR-2	885.0	11/24/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.848	1.16	5.04	—	pCi/L	Y	U	U	2016-414	CASA-16-106249	GELC
SIMR-2	885.0	05/17/2016	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.68	1.51	5.12	—	pCi/L	Y	U	U	2016-1223	CAMO-16-115234	GELC
SIMR-2	885.0	05/17/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	3.65	2.18	6.44	—	pCi/L	Y	U	U	2016-1223	CAMO-16-115268	GELC
SIMR-2	885.0	11/15/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.23	1.39	5.09	—	pCi/L	Y	U	U	2018-922	CAMO-18-148085	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.93	0.929	3.91	—	pCi/L	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	10/23/2015	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	67	—	—	20.1	µg/L	Y	U	U	2016-125	CASA-16-106064	GELC
SIMR-2	885.0	11/24/2015	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	5	—	—	1.5	µg/L	Y	U	U	2016-414	CASA-16-106249	GELC
SIMR-2	885.0	11/24/2015	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	5.21	—	—	1.56	µg/L	Y	U	U	2016-414	CASA-16-106221	GELC
SIMR-2	885.0	05/17/2016	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	11.1	—	—	3.33	µg/L	Y	U	U	2016-1223	CAMO-16-115234	GELC
SIMR-2	885.0	05/17/2016	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	11.1	—	—	3.33	µg/L	Y	U	U	2016-1223	CAMO-16-115268	GELC
SIMR-2	885.0	11/15/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.23	—	—	3.23	µg/L	Y	U	U	2018-922	CAMO-18-148085	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.02	—	—	3.02	µg/L	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	Y	0.117	—	—	0.1	µg/L	Y	J	J	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	09/13/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.281	—	—	0.033	mg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160812	GELC
SIMR-2	885.0	10/29/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.267	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-289	CAMO-19-163730	GELC
SIMR-2	885.0	11/15/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.24	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-485	CAMO-19-164008	GELC
SIMR-2	885.0	12/20/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.356	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-710	CAMO-19-164872	GELC
SIMR-2	885.0	01/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.281	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-783	CAMO-19-165994	GELC
SIMR-2	885.0	02/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.26	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-930	CAMO-19-166469	GELC
SIMR-2	885.0	03/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.181	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-1230	CAMO-19-167716	GELC
SIMR-2	885.0	04/29/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.421	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-1636	CAMO-19-174836	GELC
SIMR-2	885.0	05/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.3	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-1989	CAMO-19-175175	GELC
SIMR-2	885.0	06/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.301	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2184	CAMO-19-181699	GELC
SIMR-2	885.0	07/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.276	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2598	CAMO-19-181870	GELC
SIMR-2	885.0	08/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.334	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-3087	CAMO-19-184745	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.322	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.427	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	10/23/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.39	0.72	2.82	—	pCi/L	Y	U	U	2016-125	CASA-16-106064	GELC
SIMR-2	885.0	11/24/2015	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	-0.805	0.665	2.99	—	pCi/L	Y	U	U	2016-414	CASA-16-106221	GELC
SIMR-2	885.0	11/24/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.399	0.611	2.42	—	pCi/L	Y	U	U	2016-414	CASA-16-106249	GELC
SIMR-2	885.0	05/17/2016	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	0.303	0.479	1.8	—	pCi/L	Y	U	U	2016-1223	CAMO-16-115234	GELC
SIMR-2	885.0	05/17/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.55	0.922	2.91	—	pCi/L	Y	U	U	2016-1223	CAMO-16-115268	GELC
SIMR-2	885.0	11/15/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.26	0.852	2.86	—	pCi/L	Y	U	U	2018-922	CAMO-18-148085	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.63	0.905	2.89	—	pCi/L	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	10/23/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	-0.155	0.806	2.93	—	pCi/L	Y	U	U	2016-125	CASA-16-106064	GELC
SIMR-2	885.0	11/24/2015	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	0.803	0.699	2.35	—	pCi/L	Y	U	U	2016-414	CASA-16-106221	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
SIMR-2	885.0	11/24/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.96	0.721	2.06	—	pCi/L	Y	—	NQ	2016-414	CASA-16-106249	GELC
SIMR-2	885.0	05/17/2016	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	1.95	0.57	1.83	—	pCi/L	Y	—	NQ	2016-1223	CAMO-16-115234	GELC
SIMR-2	885.0	05/17/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.08	0.536	1.76	—	pCi/L	Y	U	U	2016-1223	CAMO-16-115268	GELC
SIMR-2	885.0	11/15/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.09	0.841	2.83	—	pCi/L	Y	U	U	2018-922	CAMO-18-148085	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.03	0.831	2.55	—	pCi/L	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	09/13/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	40.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160812	GELC
SIMR-2	885.0	10/29/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	44.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-289	CAMO-19-163730	GELC
SIMR-2	885.0	11/15/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	44.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-485	CAMO-19-164008	GELC
SIMR-2	885.0	12/20/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	39.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-710	CAMO-19-164872	GELC
SIMR-2	885.0	01/17/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	44.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-783	CAMO-19-165994	GELC
SIMR-2	885.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	44.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-930	CAMO-19-166469	GELC
SIMR-2	885.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	42.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-1230	CAMO-19-167716	GELC
SIMR-2	885.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	43.5	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-1636	CAMO-19-174836	GELC
SIMR-2	885.0	05/21/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	39.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-1989	CAMO-19-175175	GELC
SIMR-2	885.0	06/12/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	41.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2184	CAMO-19-181699	GELC
SIMR-2	885.0	07/18/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	42.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2598	CAMO-19-181870	GELC
SIMR-2	885.0	08/21/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	42.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-3087	CAMO-19-184745	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	41.5	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	46.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	09/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	2.94	—	—	0.11	mg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160812	GELC
SIMR-2	885.0	10/29/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.42	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-289	CAMO-19-163730	GELC
SIMR-2	885.0	11/15/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.37	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-485	CAMO-19-164008	GELC
SIMR-2	885.0	12/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	2.85	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-710	CAMO-19-164872	GELC
SIMR-2	885.0	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.21	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-783	CAMO-19-165994	GELC
SIMR-2	885.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.5	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-930	CAMO-19-166469	GELC
SIMR-2	885.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.05	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-1230	CAMO-19-167716	GELC
SIMR-2	885.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.39	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-1636	CAMO-19-174836	GELC
SIMR-2	885.0	05/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	2.95	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-1989	CAMO-19-175175	GELC
SIMR-2	885.0	06/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.13	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-2184	CAMO-19-181699	GELC
SIMR-2	885.0	07/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	2.94	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-2598	CAMO-19-181870	GELC
SIMR-2	885.0	08/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.15	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-3087	CAMO-19-184745	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	2.97	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.69	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	09/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.12	—	—	0.2	µg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160812	GELC
SIMR-2	885.0	10/29/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.07	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-289	CAMO-19-163730	GELC
SIMR-2	885.0	11/15/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.15	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-485	CAMO-19-164008	GELC
SIMR-2	885.0	12/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.28	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-710	CAMO-19-164872	GELC
SIMR-2	885.0	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.13	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-783	CAMO-19-165994	GELC
SIMR-2	885.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.12	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-930	CAMO-19-166469	GELC
SIMR-2	885.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.31	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-1230	CAMO-19-167716	GELC
SIMR-2	885.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.08	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-1636	CAMO-19-174836	GELC
SIMR-2	885.0	05/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.06	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-1989	CAMO-19-175175	GELC
SIMR-2	885.0	06/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.11	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-2184	CAMO-19-181699	GELC
SIMR-2	885.0	07/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.44	—	—	0.2	µg/L	Y	—	J+	N3B-2019-2598	CAMO-19-181870	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.14	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.08	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	10/23/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.07	2.58	8.89	—	pCi/L	Y	U	U	2016-125	CASA-16-106064	GELC
SIMR-2	885.0	11/24/2015	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	4.12	3.4	11.4	—	pCi/L	Y	U	U	2016-414	CASA-16-106221	GELC
SIMR-2	885.0	11/24/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.85	2.66	10	—	pCi/L	Y	U	U	2016-414	CASA-16-106249	GELC
SIMR-2	885.0	05/17/2016	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.07	2.53	8.81	—	pCi/L	Y	U	U	2016-1223	CAMO-16-115234	GELC
SIMR-2	885.0	05/17/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.23	3.46	11.9	—	pCi/L	Y	U	U	2016-1223	CAMO-16-115268	GELC
SIMR-2	885.0	11/15/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.5	2.94	10.7	—	pCi/L	Y	U	U	2018-922	CAMO-18-148085	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.19	1.92	5.95	—	pCi/L	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
SIMR-2	885.0	10/29/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.6	—	—	0.6	µg/L	Y	U	U	N3B-2019-289	CAMO-19-163730	GELC
SIMR-2	885.0	11/15/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.6	—	—	0.6	µg/L	Y	U	U	N3B-2019-485	CAMO-19-164008	GELC
SIMR-2	885.0	12/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.6	—	—	0.6	µg/L	Y	U	U	N3B-2019-710	CAMO-19-164872	GELC
SIMR-2	885.0	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.6	—	—	0.6	µg/L	Y	U	U	N3B-2019-783	CAMO-19-165994	GELC
SIMR-2	885.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.39	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-930	CAMO-19-166469	GELC
SIMR-2	885.0	09/13/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.656	—	—	0.017	mg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160812	GELC
SIMR-2	885.0	10/29/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.741	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-289	CAMO-19-163730	GELC
SIMR-2	885.0	11/15/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.714	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-485	CAMO-19-164008	GELC
SIMR-2	885.0	12/20/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.632	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-710	CAMO-19-164872	GELC
SIMR-2	885.0	01/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.672	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-783	CAMO-19-165994	GELC
SIMR-2	885.0	02/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.714	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-930	CAMO-19-166469	GELC
SIMR-2	885.0	03/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.719	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-1230	CAMO-19-167716	GELC
SIMR-2	885.0	04/29/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.73	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-1636	CAMO-19-174836	GELC
SIMR-2	885.0	05/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.725	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-1989	CAMO-19-175175	GELC
SIMR-2	885.0	06/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.71	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-2184	CAMO-19-181699	GELC
SIMR-2	885.0	07/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.683	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-2598	CAMO-19-181870	GELC
SIMR-2	885.0	08/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.715	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-3087	CAMO-19-184745	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.748	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.717	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	09/13/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.432	—	—	0.05	µg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160812	GELC
SIMR-2	885.0	10/29/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.398	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-289	CAMO-19-163730	GELC
SIMR-2	885.0	11/15/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.4	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-485	CAMO-19-164008	GELC
SIMR-2	885.0	12/20/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.427	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-710	CAMO-19-164872	GELC
SIMR-2	885.0	01/17/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.477	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-783	CAMO-19-165994	GELC
SIMR-2	885.0	02/14/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.413	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-930	CAMO-19-166469	GELC
SIMR-2	885.0	03/21/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.4	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-1230	CAMO-19-167716	GELC
SIMR-2	885.0	04/29/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.434	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-1636	CAMO-19-174836	GELC
SIMR-2	885.0	05/21/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.532	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-1989	CAMO-19-175175	GELC
SIMR-2	885.0	06/12/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.429	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-2184	CAMO-19-181699	GELC
SIMR-2	885.0	07/18/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.458	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-2598	CAMO-19-181870	GELC
SIMR-2	885.0	08/21/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.427	—	—	0.05	µg/L	Y	—	J+	N3B-2019-3087	CAMO-19-184745	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.446	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.447	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	10/23/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.0065	0.0413	—	pCi/L	Y	U	U	2016-125	CASA-16-106064	GELC
SIMR-2	885.0	11/24/2015	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00000000138	0.00656	0.0428	—	pCi/L	Y	U	U	2016-414	CASA-16-106221	GELC
SIMR-2	885.0	11/24/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0127	0.00792	0.0437	—	pCi/L	Y	U	U	2016-414	CASA-16-106249	GELC
SIMR-2	885.0	05/17/2016	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00715	0.00715	0.048	—	pCi/L	Y	U	U	2016-1223	CAMO-16-115234	GELC
SIMR-2	885.0	05/17/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00969	0.00593	0.0488	—	pCi/L	Y	U	U	2016-1223	CAMO-16-115268	GELC
SIMR-2	885.0	11/15/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00266	0.00704	0.0392	—	pCi/L	Y	U	U	2018-922	CAMO-18-148085	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00214	0.00478	0.0388	—	pCi/L	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	10/23/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00531	0.0075	0.0538	—	pCi/L	Y	U	U	2016-125	CASA-16-106064	GELC
SIMR-2	885.0	11/24/2015	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0083	0.0083	0.0372	—	pCi/L	Y	U	U	2016-414	CASA-16-106221	GELC
SIMR-2	885.0	11/24/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00000000211	0.00791	0.0379	—	pCi/L	Y	U	U	2016-414	CASA-16-106249	GELC
SIMR-2	885.0	05/17/2016	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00714	0.0063	0.0422	—	pCi/L	Y	U	U	2016-1223	CAMO-16-115234	GELC
SIMR-2	885.0	05/17/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00242	0.00726	0.0429	—	pCi/L	Y	U	U	2016-1223	CAMO-16-115268	GELC
SIMR-2	885.0	11/15/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00532	0.00532	0.0561	—	pCi/L	Y	U	U	2018-922	CAMO-18-148085	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00642	0.00642	0.0377	—	pCi/L	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	09/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.25	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160812	GELC
SIMR-2	885.0	10/29/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.35	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-289	CAMO-19-163730	GELC
SIMR-2	885.0	11/15/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.36	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-485	CAMO-19-164008	GELC
SIMR-2	885.0	12/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.28	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-710	CAMO-19-164872	GELC
SIMR-2	885.0	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.43	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-783	CAMO-19-165994	GELC
SIMR-2	885.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.45	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-930	CAMO-19-166469	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
SIMR-2	885.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.25	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1230	CAMO-19-167716	GELC
SIMR-2	885.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.46	—	—	0.05	mg/L	Y	—	J+	N3B-2019-1636	CAMO-19-174836	GELC
SIMR-2	885.0	05/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.34	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1989	CAMO-19-175175	GELC
SIMR-2	885.0	06/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.36	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2184	CAMO-19-181699	GELC
SIMR-2	885.0	07/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2598	CAMO-19-181870	GELC
SIMR-2	885.0	08/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.46	—	—	0.05	mg/L	Y	—	J+	N3B-2019-3087	CAMO-19-184745	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.31	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.54	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	10/23/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-4.14	15.7	58.4	—	pCi/L	Y	U	U	2016-125	CASA-16-106064	GELC
SIMR-2	885.0	11/24/2015	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-3.16	19.9	71.7	—	pCi/L	Y	U	U	2016-414	CASA-16-106221	GELC
SIMR-2	885.0	11/24/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	17.3	17.6	46.5	—	pCi/L	Y	U	U	2016-414	CASA-16-106249	GELC
SIMR-2	885.0	05/17/2016	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-8.73	21.9	72.9	—	pCi/L	Y	U	U	2016-1223	CAMO-16-115234	GELC
SIMR-2	885.0	05/17/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	0.381	19.2	78.1	—	pCi/L	Y	U	U	2016-1223	CAMO-16-115268	GELC
SIMR-2	885.0	11/15/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-15.1	22.4	89	—	pCi/L	Y	U	U	2018-922	CAMO-18-148085	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-15.4	12.9	43.9	—	pCi/L	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.269	0.11	0.322	—	pCi/L	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.461	0.199	—	—	pCi/L	Y	—	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.193	0.167	0.569	—	pCi/L	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	09/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160812	GELC
SIMR-2	885.0	10/29/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-289	CAMO-19-163730	GELC
SIMR-2	885.0	11/15/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	72.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-485	CAMO-19-164008	GELC
SIMR-2	885.0	12/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-710	CAMO-19-164872	GELC
SIMR-2	885.0	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-783	CAMO-19-165994	GELC
SIMR-2	885.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-930	CAMO-19-166469	GELC
SIMR-2	885.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-1230	CAMO-19-167716	GELC
SIMR-2	885.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-1636	CAMO-19-174836	GELC
SIMR-2	885.0	05/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-1989	CAMO-19-175175	GELC
SIMR-2	885.0	06/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-2184	CAMO-19-181699	GELC
SIMR-2	885.0	07/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-2598	CAMO-19-181870	GELC
SIMR-2	885.0	08/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	72.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-3087	CAMO-19-184745	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	09/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160812	GELC
SIMR-2	885.0	10/29/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-289	CAMO-19-163730	GELC
SIMR-2	885.0	11/15/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-485	CAMO-19-164008	GELC
SIMR-2	885.0	12/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.18	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-710	CAMO-19-164872	GELC
SIMR-2	885.0	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-783	CAMO-19-165994	GELC
SIMR-2	885.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-930	CAMO-19-166469	GELC
SIMR-2	885.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.86	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-1230	CAMO-19-167716	GELC
SIMR-2	885.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.1	—	—	0.1	mg/L	Y	—	J+	N3B-2019-1636	CAMO-19-174836	GELC
SIMR-2	885.0	05/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.38	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-1989	CAMO-19-175175	GELC
SIMR-2	885.0	06/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.66	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-2184	CAMO-19-181699	GELC
SIMR-2	885.0	07/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.8	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-2598	CAMO-19-181870	GELC
SIMR-2	885.0	08/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.1	—	—	0.1	mg/L	Y	—	J+	N3B-2019-3087	CAMO-19-184745	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.51	—	—	0.1	mg/L	Y	—	J+	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.7	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	10/23/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.351	1.11	4.48	—	pCi/L	Y	U	U	2016-125	CASA-16-106064	GELC
SIMR-2	885.0	11/24/2015	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.96	1.62	5.51	—	pCi/L	Y	U	U	2016-414	CASA-16-106221	GELC
SIMR-2	885.0	11/24/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.27	1.25	5.43	—	pCi/L	Y	U	U	2016-414	CASA-16-106249	GELC
SIMR-2	885.0	05/17/2016	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.0467	1.64	5.41	—	pCi/L	Y	U	U	2016-1223	CAMO-16-115234	GELC
SIMR-2	885.0	05/17/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.479	1.53	5.98	—	pCi/L	Y	U	U	2016-1223	CAMO-16-115268	GELC
SIMR-2	885.0	11/15/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.0758	1.1	4.63	—	pCi/L	Y	U	U	2018-922	CAMO-18-148085	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.684	0.88	3.4	—	pCi/L	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
SIMR-2	885.0	09/13/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	132	—	—	1	µS/cm	Y	—	NQ	N3B-2018-3900	CAMO-18-160812	GELC
SIMR-2	885.0	10/29/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	132	—	—	1	µS/cm	Y	—	NQ	N3B-2019-289	CAMO-19-163730	GELC
SIMR-2	885.0	11/15/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	132	—	—	1	µS/cm	Y	—	NQ	N3B-2019-485	CAMO-19-164008	GELC
SIMR-2	885.0	12/20/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	133	—	—	1	µS/cm	Y	—	NQ	N3B-2019-710	CAMO-19-164872	GELC
SIMR-2	885.0	01/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	132	—	—	1	µS/cm	Y	—	NQ	N3B-2019-783	CAMO-19-165994	GELC
SIMR-2	885.0	02/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	131	—	—	1	µS/cm	Y	—	NQ	N3B-2019-930	CAMO-19-166469	GELC
SIMR-2	885.0	03/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	135	—	—	1	µS/cm	Y	—	NQ	N3B-2019-1230	CAMO-19-167716	GELC
SIMR-2	885.0	04/29/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	135	—	—	1	µS/cm	Y	—	NQ	N3B-2019-1636	CAMO-19-174836	GELC
SIMR-2	885.0	05/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	135	—	—	1	µS/cm	Y	—	NQ	N3B-2019-1989	CAMO-19-175175	GELC
SIMR-2	885.0	06/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	159	—	—	1	µS/cm	Y	—	NQ	N3B-2019-2184	CAMO-19-181699	GELC
SIMR-2	885.0	07/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	134	—	—	1	µS/cm	Y	—	NQ	N3B-2019-2598	CAMO-19-181870	GELC
SIMR-2	885.0	08/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	114	—	—	1	µS/cm	Y	—	NQ	N3B-2019-3087	CAMO-19-184745	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	123	—	—	1	µS/cm	Y	—	NQ	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	115	—	—	1	µS/cm	Y	—	NQ	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	09/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	46.7	—	—	1	µg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160812	GELC
SIMR-2	885.0	10/29/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	51	—	—	1	µg/L	Y	—	NQ	N3B-2019-289	CAMO-19-163730	GELC
SIMR-2	885.0	11/15/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	50.8	—	—	1	µg/L	Y	—	NQ	N3B-2019-485	CAMO-19-164008	GELC
SIMR-2	885.0	12/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	45.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-710	CAMO-19-164872	GELC
SIMR-2	885.0	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	53.4	—	—	1	µg/L	Y	—	NQ	N3B-2019-783	CAMO-19-165994	GELC
SIMR-2	885.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	52.8	—	—	1	µg/L	Y	—	NQ	N3B-2019-930	CAMO-19-166469	GELC
SIMR-2	885.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	51	—	—	1	µg/L	Y	—	NQ	N3B-2019-1230	CAMO-19-167716	GELC
SIMR-2	885.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	51.8	—	—	1	µg/L	Y	—	NQ	N3B-2019-1636	CAMO-19-174836	GELC
SIMR-2	885.0	05/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	47.8	—	—	1	µg/L	Y	—	NQ	N3B-2019-1989	CAMO-19-175175	GELC
SIMR-2	885.0	06/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	49.4	—	—	1	µg/L	Y	—	NQ	N3B-2019-2184	CAMO-19-181699	GELC
SIMR-2	885.0	07/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	50.8	—	—	1	µg/L	Y	—	NQ	N3B-2019-2598	CAMO-19-181870	GELC
SIMR-2	885.0	08/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	49.3	—	—	1	µg/L	Y	—	NQ	N3B-2019-3087	CAMO-19-184745	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	48.9	—	—	1	µg/L	Y	—	NQ	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	56.1	—	—	1	µg/L	Y	—	NQ	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	10/23/2015	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.00578	0.115	0.425	—	pCi/L	Y	U	U	2016-125	CASA-16-106064	GELC
SIMR-2	885.0	11/24/2015	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.16	0.12	0.498	—	pCi/L	Y	U	U	2016-414	CASA-16-106221	GELC
SIMR-2	885.0	11/24/2015	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.178	0.121	0.485	—	pCi/L	Y	U	U	2016-414	CASA-16-106249	GELC
SIMR-2	885.0	05/17/2016	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.267	0.145	0.473	—	pCi/L	Y	U	U	2016-1223	CAMO-16-115234	GELC
SIMR-2	885.0	05/17/2016	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0425	0.13	0.483	—	pCi/L	Y	U	U	2016-1223	CAMO-16-115268	GELC
SIMR-2	885.0	11/15/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.089	0.125	0.44	—	pCi/L	Y	U	U	2018-922	CAMO-18-148085	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0931	0.134	0.493	—	pCi/L	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	09/13/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.9	—	—	0.133	mg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160812	GELC
SIMR-2	885.0	10/29/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.81	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-289	CAMO-19-163730	GELC
SIMR-2	885.0	11/15/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.91	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-485	CAMO-19-164008	GELC
SIMR-2	885.0	12/20/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.67	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-710	CAMO-19-164872	GELC
SIMR-2	885.0	01/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.61	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-783	CAMO-19-165994	GELC
SIMR-2	885.0	02/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.71	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-930	CAMO-19-166469	GELC
SIMR-2	885.0	03/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.73	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-1230	CAMO-19-167716	GELC
SIMR-2	885.0	04/29/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.01	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-1636	CAMO-19-174836	GELC
SIMR-2	885.0	05/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.68	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-1989	CAMO-19-175175	GELC
SIMR-2	885.0	06/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.74	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-2184	CAMO-19-181699	GELC
SIMR-2	885.0	07/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.27	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-2598	CAMO-19-181870	GELC
SIMR-2	885.0	08/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.77	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-3087	CAMO-19-184745	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.83	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.98	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	09/13/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2018-3900	CAMO-18-160812	GELC
SIMR-2	885.0	09/13/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2018-3900	CAMO-18-160813	GELC
SIMR-2	885.0	10/29/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-289	CAMO-19-163730	GELC
SIMR-2	885.0	10/29/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-289	CAMO-19-163731	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
SIMR-2	885.0	11/15/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-485	CAMO-19-164008	GELC
SIMR-2	885.0	11/15/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-485	CAMO-19-164009	GELC
SIMR-2	885.0	12/20/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-710	CAMO-19-164872	GELC
SIMR-2	885.0	12/20/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-710	CAMO-19-164873	GELC
SIMR-2	885.0	01/17/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-783	CAMO-19-165994	GELC
SIMR-2	885.0	01/17/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-783	CAMO-19-165995	GELC
SIMR-2	885.0	02/14/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-930	CAMO-19-166469	GELC
SIMR-2	885.0	02/14/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-930	CAMO-19-166470	GELC
SIMR-2	885.0	03/21/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-1230	CAMO-19-167716	GELC
SIMR-2	885.0	03/21/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-1230	CAMO-19-167717	GELC
SIMR-2	885.0	04/29/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-1636	CAMO-19-174835	GELC
SIMR-2	885.0	04/29/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-1636	CAMO-19-174836	GELC
SIMR-2	885.0	05/21/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-1962	CAMO-19-175176	GELC
SIMR-2	885.0	05/21/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-1989	CAMO-19-175175	GELC
SIMR-2	885.0	06/12/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-2184	CAMO-19-181699	GELC
SIMR-2	885.0	06/12/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-2184	CAMO-19-181700	GELC
SIMR-2	885.0	07/18/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-2598	CAMO-19-181870	GELC
SIMR-2	885.0	07/18/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-2598	CAMO-19-181871	GELC
SIMR-2	885.0	08/21/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-3087	CAMO-19-184745	GELC
SIMR-2	885.0	08/21/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-3087	CAMO-19-184746	GELC
SIMR-2	885.0	09/24/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-3518	CAMO-19-186544	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2019-783	CAMO-19-165994	GELC
SIMR-2	885.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2019-930	CAMO-19-166469	GELC
SIMR-2	885.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2019-1230	CAMO-19-167716	GELC
SIMR-2	885.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	7.27	—	—	2.5	µg/L	Y	J	U	N3B-2019-1636	CAMO-19-174836	GELC
SIMR-2	885.0	05/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	11.4	—	—	2.5	µg/L	Y	—	NQ	N3B-2019-1989	CAMO-19-175175	GELC
SIMR-2	885.0	06/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	17.7	—	—	2.5	µg/L	Y	—	J+	N3B-2019-2184	CAMO-19-181699	GELC
SIMR-2	885.0	09/13/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	117	—	—	3.4	mg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160812	GELC
SIMR-2	885.0	10/29/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	209	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-289	CAMO-19-163730	GELC
SIMR-2	885.0	11/15/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	133	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-485	CAMO-19-164008	GELC
SIMR-2	885.0	12/20/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	177	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-710	CAMO-19-164872	GELC
SIMR-2	885.0	01/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	77.1	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-783	CAMO-19-165994	GELC
SIMR-2	885.0	02/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	109	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-930	CAMO-19-166469	GELC
SIMR-2	885.0	03/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	98.6	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-1230	CAMO-19-167716	GELC
SIMR-2	885.0	04/29/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	78.6	—	—	3.4	mg/L	Y	—	J+	N3B-2019-1636	CAMO-19-174836	GELC
SIMR-2	885.0	05/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	184	—	—	3.4	mg/L	Y	H	NQ	N3B-2019-1989	CAMO-19-175175	GELC
SIMR-2	885.0	06/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	159	—	—	3.4	mg/L	Y	—	J+	N3B-2019-2184	CAMO-19-181699	GELC
SIMR-2	885.0	07/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	141	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-2598	CAMO-19-181870	GELC
SIMR-2	885.0	08/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	166	—	—	3.4	mg/L	Y	—	J+	N3B-2019-3087	CAMO-19-184745	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	130	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	127	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	01/17/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2019-783	CAMO-19-165995	GELC
SIMR-2	885.0	02/14/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2019-930	CAMO-19-166470	GELC
SIMR-2	885.0	03/21/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2019-1230	CAMO-19-167717	GELC
SIMR-2	885.0	04/29/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2019-1636	CAMO-19-174835	GELC
SIMR-2	885.0	05/21/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0639	—	—	0.033	mg/L	Y	J	J	N3B-2019-1989	CAMO-19-175176	GELC
SIMR-2	885.0	05/21/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2019-1989	CAMO-19-175176	GELC
SIMR-2	885.0	06/12/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2019-2184	CAMO-19-181700	GELC
SIMR-2	885.0	07/18/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2019-2598	CAMO-19-181871	GELC
SIMR-2	885.0	08/21/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	UH	R	N3B-2019-3087	CAMO-19-184746	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
SIMR-2	885.0	09/24/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.375	—	—	0.33	mg/L	Y	J	J	N3B-2019-3518	CAMO-19-186544	GELC
SIMR-2	885.0	10/29/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0385	—	—	0.02	mg/L	Y	J	U	N3B-2019-289	CAMO-19-163730	GELC
SIMR-2	885.0	11/15/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0478	—	—	0.02	mg/L	Y	J	U	N3B-2019-485	CAMO-19-164008	GELC
SIMR-2	885.0	12/20/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0517	—	—	0.02	mg/L	Y	—	U	N3B-2019-710	CAMO-19-164872	GELC
SIMR-2	885.0	01/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0249	—	—	0.02	mg/L	Y	J	U	N3B-2019-783	CAMO-19-165994	GELC
SIMR-2	885.0	02/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0305	—	—	0.02	mg/L	Y	J	J	N3B-2019-930	CAMO-19-166469	GELC
SIMR-2	885.0	03/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0779	—	—	0.02	mg/L	Y	—	NQ	N3B-2019-1230	CAMO-19-167716	GELC
SIMR-2	885.0	05/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0319	—	—	0.02	mg/L	Y	J	J	N3B-2019-1989	CAMO-19-175175	GELC
SIMR-2	885.0	07/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0892	—	—	0.02	mg/L	Y	—	NQ	N3B-2019-2598	CAMO-19-181870	GELC
SIMR-2	885.0	08/21/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.102	—	—	0.02	mg/L	Y	—	NQ	N3B-2019-3087	CAMO-19-184745	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.125	—	—	0.02	mg/L	Y	—	NQ	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	08/08/2017	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.226	0.691	2.183	—	pCi/L	Y	U	U	2017-2444	CAMO-17-142314	ARSL
SIMR-2	885.0	11/15/2017	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.717	0.737	2.428	—	pCi/L	Y	U	U	2018-933	CAMO-18-148085	ARSL
SIMR-2	885.0	05/15/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.339	1.127	3.891	—	pCi/L	Y	U	U	2018-2570	CAMO-18-154754	ARSL
SIMR-2	885.0	11/15/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.736	0.621	2.025	—	pCi/L	Y	U	U	N3B-2019-516	CAMO-19-164009	ARSL
SIMR-2	885.0	01/17/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.726	0.901	2.986	—	pCi/L	Y	U	U	N3B-2019-836	CAMO-19-165995	ARSL
SIMR-2	885.0	05/21/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.907	0.726	2.468	—	pCi/L	Y	U	U	N3B-2019-1983	CAMO-19-175176	ARSL
SIMR-2	885.0	09/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.426	—	—	0.067	µg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160812	GELC
SIMR-2	885.0	10/29/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.405	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-289	CAMO-19-163730	GELC
SIMR-2	885.0	11/15/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.431	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-485	CAMO-19-164008	GELC
SIMR-2	885.0	12/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.486	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-710	CAMO-19-164872	GELC
SIMR-2	885.0	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.504	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-783	CAMO-19-165994	GELC
SIMR-2	885.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.444	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-930	CAMO-19-166469	GELC
SIMR-2	885.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.473	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-1230	CAMO-19-167716	GELC
SIMR-2	885.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.448	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-1636	CAMO-19-174836	GELC
SIMR-2	885.0	05/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.42	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-1989	CAMO-19-175175	GELC
SIMR-2	885.0	06/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.444	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-2184	CAMO-19-181699	GELC
SIMR-2	885.0	07/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.498	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-2598	CAMO-19-181870	GELC
SIMR-2	885.0	08/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.39	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-3087	CAMO-19-184745	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.442	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.421	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	10/23/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.342	0.0298	0.108	—	pCi/L	Y	—	NQ	2016-125	CASA-16-106064	GELC
SIMR-2	885.0	11/24/2015	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.302	0.0298	0.108	—	pCi/L	Y	—	NQ	2016-414	CASA-16-106221	GELC
SIMR-2	885.0	11/24/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.388	0.0346	0.115	—	pCi/L	Y	—	NQ	2016-414	CASA-16-106249	GELC
SIMR-2	885.0	05/17/2016	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.382	0.0308	0.0894	—	pCi/L	Y	—	NQ	2016-1223	CAMO-16-115234	GELC
SIMR-2	885.0	05/17/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.331	0.0278	0.0884	—	pCi/L	Y	—	NQ	2016-1223	CAMO-16-115268	GELC
SIMR-2	885.0	11/15/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.316	0.0422	0.233	—	pCi/L	Y	—	NQ	2018-922	CAMO-18-148085	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.363	0.0327	0.0577	—	pCi/L	Y	—	NQ	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	10/23/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0493	0.0138	0.0867	—	pCi/L	Y	U	U	2016-125	CASA-16-106064	GELC
SIMR-2	885.0	11/24/2015	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0343	0.0128	0.0738	—	pCi/L	Y	U	U	2016-414	CASA-16-106221	GELC
SIMR-2	885.0	11/24/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0585	0.0155	0.0787	—	pCi/L	Y	U	U	2016-414	CASA-16-106249	GELC
SIMR-2	885.0	05/17/2016	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0252	0.0101	0.0612	—	pCi/L	Y	U	U	2016-1223	CAMO-16-115234	GELC
SIMR-2	885.0	05/17/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0304	0.0107	0.0606	—	pCi/L	Y	U	U	2016-1223	CAMO-16-115268	GELC
SIMR-2	885.0	11/15/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0397	0.0196	0.103	—	pCi/L	Y	U	U	2018-922	CAMO-18-148085	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0124	0.00955	0.0414	—	pCi/L	Y	U	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	10/23/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.207	0.0235	0.079	—	pCi/L	Y	—	NQ	2016-125	CASA-16-106064	GELC
SIMR-2	885.0	11/24/2015	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.178	0.0229	0.0926	—	pCi/L	Y	—	NQ	2016-414	CASA-16-106221	GELC
SIMR-2	885.0	11/24/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.148	0.0218	0.0988	—	pCi/L	Y	—	NQ	2016-414	CASA-16-106249	GELC
SIMR-2	885.0	05/17/2016	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.154	0.0195	0.0582	—	pCi/L	Y	—	NQ	2016-1223	CAMO-16-115234	GELC
SIMR-2	885.0	05/17/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.161	0.0203	0.0576	—	pCi/L	Y	—	NQ	2016-1223	CAMO-16-115268	GELC
SIMR-2	885.0	11/15/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.112	0.03	0.137	—	pCi/L	Y	U	U	2018-922	CAMO-18-148085	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.153	0.0212	0.0676	—	pCi/L	Y	—	NQ	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	09/13/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.28	—	—	1	µg/L	Y	—	NQ	N3B-2018-3900	CAMO-18-160812	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Field Matrix	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Analysis Suite	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab
SIMR-2	885.0	10/29/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.21	—	—	1	µg/L	Y	—	NQ	N3B-2019-289	CAMO-19-163730	GELC
SIMR-2	885.0	11/15/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.98	—	—	1	µg/L	Y	—	NQ	N3B-2019-485	CAMO-19-164008	GELC
SIMR-2	885.0	12/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.03	—	—	1	µg/L	Y	—	NQ	N3B-2019-710	CAMO-19-164872	GELC
SIMR-2	885.0	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.11	—	—	1	µg/L	Y	—	NQ	N3B-2019-783	CAMO-19-165994	GELC
SIMR-2	885.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.05	—	—	1	µg/L	Y	—	NQ	N3B-2019-930	CAMO-19-166469	GELC
SIMR-2	885.0	03/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.98	—	—	1	µg/L	Y	—	NQ	N3B-2019-1230	CAMO-19-167716	GELC
SIMR-2	885.0	04/29/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.91	—	—	1	µg/L	Y	—	NQ	N3B-2019-1636	CAMO-19-174836	GELC
SIMR-2	885.0	05/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.23	—	—	1	µg/L	Y	—	NQ	N3B-2019-1989	CAMO-19-175175	GELC
SIMR-2	885.0	06/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.42	—	—	1	µg/L	Y	—	NQ	N3B-2019-2184	CAMO-19-181699	GELC
SIMR-2	885.0	07/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.41	—	—	1	µg/L	Y	—	NQ	N3B-2019-2598	CAMO-19-181870	GELC
SIMR-2	885.0	08/21/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.28	—	—	1	µg/L	Y	—	NQ	N3B-2019-3087	CAMO-19-184745	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Vanadium	V	Y	9.72	—	—	3.3	µg/L	Y	J	J	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.48	—	—	1	µg/L	Y	—	NQ	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	10/29/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2019-289	CAMO-19-163730	GELC
SIMR-2	885.0	11/15/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2019-485	CAMO-19-164008	GELC
SIMR-2	885.0	12/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2019-710	CAMO-19-164872	GELC
SIMR-2	885.0	01/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2019-783	CAMO-19-165994	GELC
SIMR-2	885.0	02/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	3.36	—	—	3.3	µg/L	Y	J	J	N3B-2019-930	CAMO-19-166469	GELC
SIMR-2	885.0	06/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	4.13	—	—	3.3	µg/L	Y	J	J	N3B-2019-2184	CAMO-19-181699	GELC

Appendix D

Groundwater Results Greater Than Half of Screening Values

Zone	Location ID	Screen Depth (ft)	Sample Date	Analysis Suite	Parameter Name	Parameter Code	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Detected	Report Result	Method Detection Limit	Report Unit	Dilution Factor	Lab Qualifier	Validation Qualifier	Validation Reason Codes	Best Value	Lab Method	Lab ID	Screening Level	Reporting Level Code	Result per Screening Level
Intermediate	MCOI-5	689.0	01/11/2019	General Chemistry	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	F[a]	INIT[b]	REG[c]	Y[d]	14	0.170	mg/L	10.0	—[e]	NQ[f]	NQ	Y	EPA:353.2	GELC[g]	10	EPA MCL[h]	1.40
Intermediate	MCOI-5	689.0	01/11/2019	LCMS/MS[i] Perchlorate	Perchlorate	ClO4	F	INIT	REG	Y	213	10.0	µg/L	200	—	NQ	NQ	Y	SW-846:6850	GELC	13.8	NMED A1 TAP SCRN LVL[j]	15.43
Intermediate	MCOI-5	689.0	05/08/2019	General Chemistry	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	F	INIT	REG	Y	12.5	0.425	mg/L	25.0	—	NQ	NQ	Y	EPA:353.2	GELC	10	EPA MCL	1.25
Intermediate	MCOI-5	689.0	05/08/2019	LCMS/MS Perchlorate	Perchlorate	ClO4	F	INIT	REG	Y	170	10.0	µg/L	200	—	NQ	NQ	Y	SW-846:6850	GELC	13.8	NMED A1 TAP SCRN LVL	12.32
Intermediate	MCOI-5	689.0	05/08/2019	SVOC	Dioxane [1,4-]	123-91-1	UF[k]	INIT	REG	Y	22.9	3.00	µg/L	1	—	NQ	NQ	Y	SW-846:8270D	GELC	4.59	NMED A1 TAP SCRN LVL	4.99
Intermediate	MCOI-5	689.0	07/24/2019	General Chemistry	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	F	INIT	REG	Y	11.6	0.170	mg/L	10.0	—	NQ	NQ	Y	EPA:353.2	GELC	10	EPA MCL	1.16
Intermediate	MCOI-5	689.0	07/24/2019	LCMS/MS Perchlorate	Perchlorate	ClO4	F	INIT	REG	Y	151	10.0	µg/L	200	—	NQ	NQ	Y	SW-846:6850	GELC	13.8	NMED A1 TAP SCRN LVL	10.94
Intermediate	MCOI-6	686.0	01/09/2019	General Chemistry	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	F	INIT	REG	Y	12.8	0.850	mg/L	50.0	—	NQ	NQ	Y	EPA:353.2	GELC	10	EPA MCL	1.28
Intermediate	MCOI-6	686.0	01/09/2019	General Chemistry	Total Dissolved Solids	TDS	F	INIT	REG	Y	527	3.40	mg/L	1.00	—	NQ	NQ	Y	EPA:160.1	GELC	1000	NM GW STD[l]	0.53
Intermediate	MCOI-6	686.0	01/09/2019	Inorganic	Chromium	Cr	F	INIT	REG	Y	68.2	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020	GELC	50	NM GW STD	1.36
Intermediate	MCOI-6	686.0	01/09/2019	LCMS/MS Perchlorate	Perchlorate	ClO4	F	INIT	REG	Y	109	5.00	µg/L	100	—	NQ	NQ	Y	SW-846:6850	GELC	13.8	NMED A1 TAP SCRN LVL	7.90
Intermediate	MCOI-6	686.0	05/13/2019	General Chemistry	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	F	INIT	REG	Y	11.1	0.170	mg/L	10.0	—	NQ	NQ	Y	EPA:353.2	GELC	10	EPA MCL	1.11
Intermediate	MCOI-6	686.0	05/13/2019	Inorganic	Chromium	Cr	F	INIT	REG	Y	64.6	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020	GELC	50	NM GW STD	1.29
Intermediate	MCOI-6	686.0	05/13/2019	LCMS/MS Perchlorate	Perchlorate	ClO4	F	INIT	REG	Y	93.6	5.00	µg/L	100	H[m]	NQ	NQ	Y	SW-846:6850	GELC	13.8	NMED A1 TAP SCRN LVL	6.78
Intermediate	MCOI-6	686.0	05/13/2019	SVOC	Dioxane [1,4-]	123-91-1	UF	INIT	REG	Y	10.1	3.13	µg/L	1	J[n]	J	J_LAB[o]	Y	SW-846:8270D	GELC	4.59	NMED A1 TAP SCRN LVL	2.20
Intermediate	MCOI-6	686.0	07/23/2019	General Chemistry	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	F	INIT	REG	Y	12.4	0.170	mg/L	10.0	—	NQ	NQ	Y	EPA:353.2	GELC	10	EPA MCL	1.24
Intermediate	MCOI-6	686.0	07/23/2019	Inorganic	Chromium	Cr	F	INIT	REG	Y	63.7	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020	GELC	50	NM GW STD	1.27
Intermediate	MCOI-6	686.0	07/23/2019	LCMS/MS Perchlorate	Perchlorate	ClO4	F	INIT	REG	Y	86.1	5.00	µg/L	100	—	NQ	NQ	Y	SW-846:6850	GELC	13.8	NMED A1 TAP SCRN LVL	6.24
Intermediate	MCOI-6	686.0	11/14/2019	General Chemistry	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	F	INIT	REG	Y	11.4	0.850	mg/L	50.0	—	NQ	NQ	Y	EPA:353.2	GELC	10	EPA MCL	1.14
Intermediate	MCOI-6	686.0	11/14/2019	Inorganic	Chromium	Cr	F	INIT	REG	Y	66.5	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020B	GELC	50	NM GW STD	1.33
Intermediate	MCOI-6	686.0	11/14/2019	LCMS/MS Perchlorate	Perchlorate	ClO4	F	INIT	REG	Y	94.9	5.00	µg/L	100	—	NQ	NQ	Y	SW-846:6850	GELC	13.8	NMED A1 TAP SCRN LVL	6.88
Intermediate	MCOI-6	686.0	11/14/2019	SVOC	Dioxane [1,4-]	123-91-1	UF	INIT	REG	Y	12.1	3.00	µg/L	1	—	NQ	NQ	Y	SW-846:8270D	GELC	4.59	NMED A1 TAP SCRN LVL	2.64
Intermediate	MCOI-6	686.0	11/14/2019	SVOC	Dioxane [1,4-]	123-91-1	UF	INIT	REG	Y	28.3	0.400	µg/L	4	—	NQ	NQ	Y	SW-846:8270E_SIM	GELC	4.59	NMED A1 TAP SCRN LVL	6.17
Intermediate	SCI-1	358.4	05/20/2019	Inorganic	Arsenic	As	F	INIT	REG	Y	5.48	2.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020	GELC	10	NM GW STD	0.55

Zone	Location ID	Screen Depth (ft)	Sample Date	Analysis Suite	Parameter Name	Parameter Code	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Detected	Report Result	Method Detection Limit	Report Unit	Dilution Factor	Lab Qualifier	Validation Qualifier	Validation Reason Codes	Best Value	Lab Method	Lab ID	Screening Level	Reporting Level Code	Result per Screening Level
Intermediate	SCI-2	548.0	01/16/2019	Inorganic	Chromium	Cr	F	INIT	REG	Y	300	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020	GELC	50	NM GW STD	6.00
Intermediate	SCI-2	548.0	05/14/2019	Inorganic	Chromium	Cr	F	INIT	REG	Y	265	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020	GELC	50	NM GW STD	5.30
Intermediate	SCI-2	548.0	07/12/2019	Inorganic	Chromium	Cr	F	INIT	REG	Y	276	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020	GELC	50	NM GW STD	5.52
Intermediate	SCI-2	548.0	11/15/2019	Inorganic	Chromium	Cr	F	INIT	REG	Y	268	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020B	GELC	50	NM GW STD	5.36
Regional	R-11	855.0	01/16/2019	General Chemistry	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	F	INIT	REG	Y	5.11	0.170	mg/L	10.0	—	NQ	NQ	Y	EPA:353.2	GELC	10	EPA MCL	0.51
Regional	R-11	855.0	03/21/2019	General Chemistry	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	F	INIT	REG	Y	6.26	0.170	mg/L	10.0	—	NQ	NQ	Y	EPA:353.2	GELC	10	EPA MCL	0.63
Regional	R-11	855.0	04/17/2019	General Chemistry	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	F	INIT	FD[p]	Y	6.06	0.170	mg/L	10.0	—	NQ	NQ	Y	EPA:353.2	GELC	10	EPA MCL	0.61
Regional	R-11	855.0	04/17/2019	General Chemistry	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	F	INIT	REG	Y	6.41	0.170	mg/L	10.0	—	NQ	NQ	Y	EPA:353.2	GELC	10	EPA MCL	0.64
Regional	R-11	855.0	05/17/2019	General Chemistry	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	F	INIT	REG	Y	5.6	0.170	mg/L	10.0	—	NQ	NQ	Y	EPA:353.2	GELC	10	EPA MCL	0.56
Regional	R-11	855.0	06/14/2019	General Chemistry	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	F	INIT	REG	Y	5.71	0.170	mg/L	10.0	—	NQ	NQ	Y	EPA:353.2	GELC	10	EPA MCL	0.57
Regional	R-11	855.0	07/11/2019	General Chemistry	Fluoride	F(-1)	F	INIT	REG	Y	3.02	0.033	mg/L	1.00	—	NQ	NQ	Y	EPA:300.0	GELC	1.6	NM GW STD	1.89
Regional	R-11	855.0	07/11/2019	General Chemistry	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	F	INIT	REG	Y	5.51	0.170	mg/L	10.0	—	NQ	NQ	Y	EPA:353.2	GELC	10	EPA MCL	0.55
Regional	R-11	855.0	08/14/2019	General Chemistry	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	F	INIT	REG	Y	5.7	0.085	mg/L	5.00	—	NQ	NQ	Y	EPA:353.2	GELC	10	EPA MCL	0.57
Regional	R-11	855.0	09/16/2019	General Chemistry	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	F	INIT	FD	Y	5.63	0.170	mg/L	10.0	—	NQ	NQ	Y	EPA:353.2	GELC	10	EPA MCL	0.56
Regional	R-11	855.0	09/16/2019	General Chemistry	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	F	INIT	REG	Y	5.67	0.170	mg/L	10.0	—	NQ	NQ	Y	EPA:353.2	GELC	10	EPA MCL	0.57
Regional	R-11	855.0	11/18/2019	General Chemistry	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	F	INIT	REG	Y	5.37	0.170	mg/L	10.0	—	NQ	NQ	Y	EPA:353.2	GELC	10	EPA MCL	0.54
Regional	R-13	958.3	07/09/2019	Inorganic	Arsenic	As	F	INIT	REG	Y	6.2	2.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020	GELC	10	NM GW STD	0.62
Regional	R-15	958.6	01/11/2019	LCMS/MS Perchlorate	Perchlorate	ClO4	F	INIT	REG	Y	11	0.500	µg/L	10	—	NQ	NQ	Y	SW-846:6850	GELC	13.8	NMED A1 TAP SCRN LVL	0.80
Regional	R-15	958.6	05/09/2019	LCMS/MS Perchlorate	Perchlorate	ClO4	F	INIT	REG	Y	9.72	0.500	µg/L	10	—	NQ	NQ	Y	SW-846:6850	GELC	13.8	NMED A1 TAP SCRN LVL	0.70
Regional	R-15	958.6	07/09/2019	Inorganic	Arsenic	As	F	INIT	REG	Y	5.73	2.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020	GELC	10	NM GW STD	0.57
Regional	R-15	958.6	07/09/2019	LCMS/MS Perchlorate	Perchlorate	ClO4	F	INIT	REG	Y	10.9	0.500	µg/L	10	—	NQ	NQ	Y	SW-846:6850	GELC	13.8	NMED A1 TAP SCRN LVL	0.79
Regional	R-15	958.6	11/08/2019	LCMS/MS Perchlorate	Perchlorate	ClO4	F	INIT	REG	Y	10.6	0.500	µg/L	10	—	NQ	NQ	Y	SW-846:6850	GELC	13.8	NMED A1 TAP SCRN LVL	0.77
Regional	R-33 S1	995.5	07/09/2019	Inorganic	Arsenic	As	F	INIT	REG	Y	5.8	2.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020	GELC	10	NM GW STD	0.58
Regional	R-33 S2	1112.4	07/09/2019	Inorganic	Arsenic	As	F	INIT	FD	Y	5.67	2.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020	GELC	10	NM GW STD	0.57
Regional	R-33 S2	1112.4	07/09/2019	Inorganic	Arsenic	As	F	INIT	REG	Y	5.56	2.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020	GELC	10	NM GW STD	0.56
Regional	R-33 S2	1112.4	11/06/2019	RAD	Radium-226	Ra-226	UF	INIT	REG	Y	3.21	—	pCi/L	1.00	—	NQ	NQ,R33[q]	Y	EPA:903.1	GELC	5	NM GW STD	0.64
Regional	R-43 S1	903.9	01/18/2019	General Chemistry	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	F	INIT	REG	Y	5.5	0.850	mg/L	50.0	—	NQ	NQ	Y	EPA:353.2	GELC	10	EPA MCL	0.55
Regional	R-43 S1	903.9	01/18/2019	Inorganic	Chromium	Cr	F	INIT	REG	Y	199	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020	GELC	50	NM GW STD	3.98
Regional	R-43 S1	903.9	05/10/2019	General Chemistry	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	F	INIT	REG	Y	5.09	0.170	mg/L	10.0	—	NQ	NQ	Y	EPA:353.2	GELC	10	EPA MCL	0.51

Zone	Location ID	Screen Depth (ft)	Sample Date	Analysis Suite	Parameter Name	Parameter Code	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Detected	Report Result	Method Detection Limit	Report Unit	Dilution Factor	Lab Qualifier	Validation Qualifier	Validation Reason Codes	Best Value	Lab Method	Lab ID	Screening Level	Reporting Level Code	Result per Screening Level
Regional	R-43 S1	903.9	05/10/2019	Inorganic	Chromium	Cr	F	INIT	REG	Y	197	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020	GELC	50	NM GW STD	3.94
Regional	R-43 S1	903.9	07/11/2019	Inorganic	Chromium	Cr	F	INIT	REG	Y	205	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020	GELC	50	NM GW STD	4.10
Regional	R-43 S1	903.9	11/14/2019	General Chemistry	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	F	INIT	FD	Y	5.01	0.170	mg/L	10.0	—	NQ	NQ	Y	EPA:353.2	GELC	10	EPA MCL	0.50
Regional	R-43 S1	903.9	11/14/2019	General Chemistry	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	F	INIT	REG	Y	5.1	0.850	mg/L	50.0	—	NQ	NQ	Y	EPA:353.2	GELC	10	EPA MCL	0.51
Regional	R-43 S1	903.9	11/14/2019	Inorganic	Chromium	Cr	F	INIT	FD	Y	222	15.0	µg/L	5.00	—	NQ	NQ	Y	SW-846:6020B	GELC	50	NM GW STD	4.44
Regional	R-43 S1	903.9	11/14/2019	Inorganic	Chromium	Cr	F	INIT	REG	Y	223	15.0	µg/L	5.00	—	NQ	NQ	Y	SW-846:6020B	GELC	50	NM GW STD	4.46
Regional	R-43 S2	969.1	5/16/2019	Inorganic	Chromium	Cr	F	INIT	REG	Y	29.6	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020	GELC	50	NM GW STD	0.59
Regional	R-43 S2	969.1	07/11/2019	Inorganic	Chromium	Cr	F	INIT	FD	Y	32.4	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020	GELC	50	NM GW STD	0.65
Regional	R-43 S2	969.1	07/11/2019	Inorganic	Chromium	Cr	F	INIT	REG	Y	31.6	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020	GELC	50	NM GW STD	0.63
Regional	R-43 S2	969.1	11/05/2019	Inorganic	Chromium	Cr	F	INIT	REG	Y	32.1	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020B	GELC	50	NM GW STD	0.64
Regional	R-43 S2	969.1	11/05/2019	RAD	Radium-228	Ra-228	UF	INIT	REG	Y	2.98	—	pCi/L	1.00	—	NQ	NQ,R33	Y	EPA:904	GELC	5	NM GW STD	0.60
Regional	R-45 S1	880.0	01/15/2019	Inorganic	Chromium	Cr	F	INIT	REG	Y	38.9	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020	GELC	50	NM GW STD	0.78
Regional	R-45 S1	880.0	02/12/2019	Inorganic	Chromium	Cr	F	INIT	REG	Y	37.4	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020	GELC	50	NM GW STD	0.75
Regional	R-45 S1	880.0	03/14/2019	Inorganic	Chromium	Cr	F	INIT	REG	Y	35	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020	GELC	50	NM GW STD	0.70
Regional	R-45 S1	880.0	04/26/2019	Inorganic	Chromium	Cr	F	INIT	REG	Y	30.7	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020	GELC	50	NM GW STD	0.61
Regional	R-45 S1	880.0	05/15/2019	Inorganic	Chromium	Cr	F	INIT	REG	Y	30	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020	GELC	50	NM GW STD	0.60
Regional	R-45 S1	880.0	06/13/2019	Inorganic	Chromium	Cr	F	INIT	FD	Y	31	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020	GELC	50	NM GW STD	0.62
Regional	R-45 S1	880.0	06/13/2019	Inorganic	Chromium	Cr	F	INIT	REG	Y	35.4	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020	GELC	50	NM GW STD	0.71
Regional	R-45 S1	880.0	07/16/2019	Inorganic	Chromium	Cr	F	INIT	REG	Y	31.4	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020	GELC	50	NM GW STD	0.63
Regional	R-45 S1	880.0	08/23/2019	Inorganic	Chromium	Cr	F	INIT	REG	Y	33.6	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020	GELC	50	NM GW STD	0.67
Regional	R-45 S1	880.0	09/26/2019	Inorganic	Chromium	Cr	F	INIT	REG	Y	33	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020B	GELC	50	NM GW STD	0.66
Regional	R-45 S1	880.0	11/19/2019	Inorganic	Chromium	Cr	F	INIT	REG	Y	31.9	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020B	GELC	50	NM GW STD	0.64
Regional	R-45 S2	974.9	01/15/2019	Inorganic	Chromium	Cr	F	INIT	REG	Y	29	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020	GELC	50	NM GW STD	0.58
Regional	R-45 S2	974.9	02/12/2019	Inorganic	Chromium	Cr	F	INIT	REG	Y	32.2	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020	GELC	50	NM GW STD	0.64
Regional	R-45 S2	974.9	03/14/2019	Inorganic	Chromium	Cr	F	INIT	REG	Y	30.8	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020	GELC	50	NM GW STD	0.62
Regional	R-45 S2	974.9	04/26/2019	Inorganic	Chromium	Cr	F	INIT	REG	Y	28.2	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020	GELC	50	NM GW STD	0.56
Regional	R-45 S2	974.9	05/15/2019	Inorganic	Chromium	Cr	F	INIT	REG	Y	29	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020	GELC	50	NM GW STD	0.58
Regional	R-45 S2	974.9	06/13/2019	Inorganic	Chromium	Cr	F	INIT	REG	Y	31.3	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020	GELC	50	NM GW STD	0.63
Regional	R-45 S2	974.9	07/16/2019	Inorganic	Chromium	Cr	F	INIT	REG	Y	31.5	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020	GELC	50	NM GW STD	0.63
Regional	R-45 S2	974.9	08/23/2019	Inorganic	Chromium	Cr	F	INIT	FD	Y	34.8	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020	GELC	50	NM GW STD	0.70
Regional	R-45 S2	974.9	08/23/2019	Inorganic	Chromium	Cr	F	INIT	REG	Y	36.1	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020	GELC	50	NM GW STD	0.72

Zone	Location ID	Screen Depth (ft)	Sample Date	Analysis Suite	Parameter Name	Parameter Code	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Detected	Report Result	Method Detection Limit	Report Unit	Dilution Factor	Lab Qualifier	Validation Qualifier	Validation Reason Codes	Best Value	Lab Method	Lab ID	Screening Level	Reporting Level Code	Result per Screening Level
Regional	R-45 S2	974.9	09/26/2019	Inorganic	Chromium	Cr	F	INIT	REG	Y	36.4	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020B	GELC	50	NM GW STD	0.73
Regional	R-45 S2	974.9	11/19/2019	Inorganic	Chromium	Cr	F	INIT	REG	Y	35.2	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020B	GELC	50	NM GW STD	0.70
Regional	R-50 S1	1077.0	01/15/2019	Inorganic	Chromium	Cr	F	INIT	REG	Y	76.3	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020	GELC	50	NM GW STD	1.53
Regional	R-50 S1	1077.0	02/20/2019	Inorganic	Chromium	Cr	F	INIT	REG	Y	63.7	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020	GELC	50	NM GW STD	1.27
Regional	R-50 S1	1077.0	03/14/2019	Inorganic	Chromium	Cr	F	INIT	REG	Y	61.9	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020	GELC	50	NM GW STD	1.24
Regional	R-50 S1	1077.0	04/29/2019	Inorganic	Chromium	Cr	F	INIT	REG	Y	52.6	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020	GELC	50	NM GW STD	1.05
Regional	R-50 S1	1077.0	05/09/2019	Inorganic	Chromium	Cr	F	INIT	REG	Y	51.2	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020	GELC	50	NM GW STD	1.02
Regional	R-50 S1	1077.0	06/17/2019	Inorganic	Chromium	Cr	F	INIT	REG	Y	44.9	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020	GELC	50	NM GW STD	0.90
Regional	R-50 S1	1077.0	07/17/2019	Inorganic	Chromium	Cr	F	INIT	REG	Y	54.9	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020	GELC	50	NM GW STD	1.10
Regional	R-50 S1	1077.0	08/22/2019	Inorganic	Chromium	Cr	F	INIT	REG	Y	57.4	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020	GELC	50	NM GW STD	1.15
Regional	R-50 S1	1077.0	09/20/2019	Inorganic	Chromium	Cr	F	INIT	FD	Y	43.1	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020B	GELC	50	NM GW STD	0.86
Regional	R-50 S1	1077.0	09/20/2019	Inorganic	Chromium	Cr	F	INIT	REG	Y	44.1	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020B	GELC	50	NM GW STD	0.88
Regional	R-50 S1	1077.0	11/19/2019	Inorganic	Chromium	Cr	F	INIT	REG	Y	40.5	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020B	GELC	50	NM GW STD	0.81
Regional	R-50 S1	1077.0	11/19/2019	RAD	Radium-226	Ra-226	UF	INIT	REG	Y	3.84	—	pCi/L	1.00	—	NQ	NQ,R33	Y	EPA:903.1	GELC	5	NM GW STD	0.77
Regional	R-61 S1	1125.0	01/08/2019	LCMS/MS Perchlorate	Perchlorate	ClO4	F	INIT	FD	Y	15.7	1.00	µg/L	20	—	NQ	NQ	Y	SW-846:6850	GELC	13.8	NMED A1 TAP SCRN LVL	1.14
Regional	R-61 S1	1125.0	01/08/2019	LCMS/MS Perchlorate	Perchlorate	ClO4	F	INIT	REG	Y	15.7	1.00	µg/L	20	—	NQ	NQ	Y	SW-846:6850	GELC	13.8	NMED A1 TAP SCRN LVL	1.14
Regional	R-61 S1	1125.0	02/21/2019	LCMS/MS Perchlorate	Perchlorate	ClO4	F	INIT	REG	Y	13.3	0.500	µg/L	10	—	NQ	NQ	Y	SW-846:6850	GELC	13.8	NMED A1 TAP SCRN LVL	0.96
Regional	R-61 S1	1125.0	03/22/2019	LCMS/MS Perchlorate	Perchlorate	ClO4	F	INIT	REG	Y	12.4	0.500	µg/L	10	—	NQ	NQ	Y	SW-846:6850	GELC	13.8	NMED A1 TAP SCRN LVL	0.90
Regional	R-61 S1	1125.0	04/19/2019	LCMS/MS Perchlorate	Perchlorate	ClO4	F	INIT	REG	Y	13.7	0.500	µg/L	10	—	NQ	NQ	Y	SW-846:6850	GELC	13.8	NMED A1 TAP SCRN LVL	0.99
Regional	R-61 S1	1125.0	05/16/2019	LCMS/MS Perchlorate	Perchlorate	ClO4	F	INIT	REG	Y	12.8	0.500	µg/L	10	—	NQ	NQ	Y	SW-846:6850	GELC	13.8	NMED A1 TAP SCRN LVL	0.93
Regional	R-61 S1	1125.0	06/06/2019	Inorganic	Chromium	Cr	F	INIT	REG	Y	39.1	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020	GELC	50	NM GW STD	0.78
Regional	R-61 S1	1125.0	06/06/2019	LCMS/MS Perchlorate	Perchlorate	ClO4	F	INIT	REG	Y	11.8	0.500	µg/L	10	—	NQ	NQ	Y	SW-846:6850	GELC	13.8	NMED A1 TAP SCRN LVL	0.86
Regional	R-61 S1	1125.0	07/17/2019	Inorganic	Chromium	Cr	F	INIT	REG	Y	28.6	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020	GELC	50	NM GW STD	0.57
Regional	R-61 S1	1125.0	07/17/2019	LCMS/MS Perchlorate	Perchlorate	ClO4	F	INIT	REG	Y	9.61	0.500	µg/L	10	—	NQ	NQ	Y	SW-846:6850	GELC	13.8	NMED A1 TAP SCRN LVL	0.70
Regional	R-61 S1	1125.0	08/15/2019	Inorganic	Chromium	Cr	F	INIT	REG	Y	26	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020	GELC	50	NM GW STD	0.52

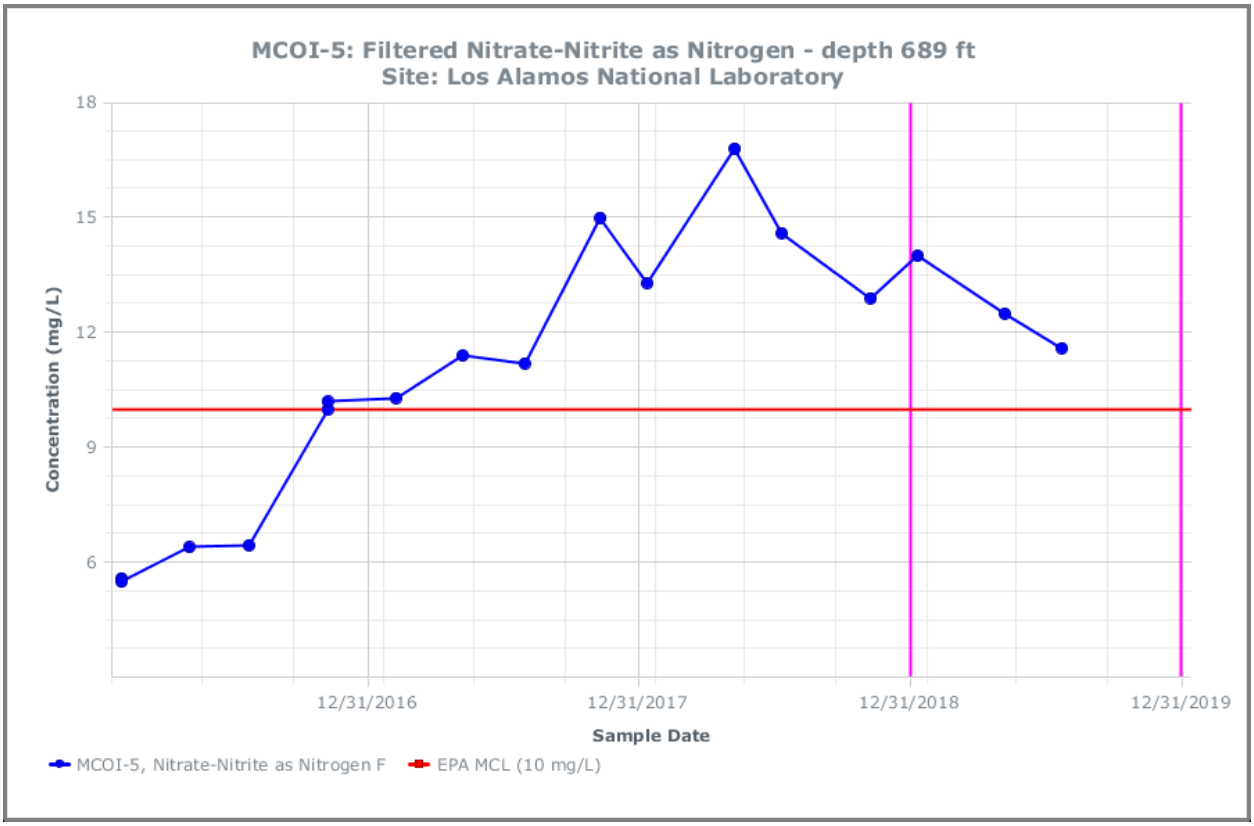
Zone	Location ID	Screen Depth (ft)	Sample Date	Analysis Suite	Parameter Name	Parameter Code	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Detected	Report Result	Method Detection Limit	Report Unit	Dilution Factor	Lab Qualifier	Validation Qualifier	Validation Reason Codes	Best Value	Lab Method	Lab ID	Screening Level	Reporting Level Code	Result per Screening Level
Regional	R-61 S1	1125.0	08/15/2019	LCMS/MS Perchlorate	Perchlorate	ClO4	F	INIT	REG	Y	13.3	0.500	µg/L	10	—	NQ	NQ	Y	SW-846:6850	GELC	13.8	NMED A1 TAP SCRN LVL	0.96
Regional	R-61 S1	1125.0	09/23/2019	Inorganic	Chromium	Cr	F	INIT	REG	Y	28.9	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020B	GELC	50	NM GW STD	0.58
Regional	R-61 S1	1125.0	09/23/2019	LCMS/MS Perchlorate	Perchlorate	ClO4	F	INIT	REG	Y	12.8	0.500	µg/L	10	—	NQ	NQ	Y	SW-846:6850	GELC	13.8	NMED A1 TAP SCRN LVL	0.93
Regional	R-61 S1	1125.0	11/20/2019	Inorganic	Chromium	Cr	F	INIT	REG	Y	33.1	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020B	GELC	50	NM GW STD	0.66
Regional	R-61 S1	1125.0	11/20/2019	LCMS/MS Perchlorate	Perchlorate	ClO4	F	INIT	REG	Y	12.5	0.500	µg/L	10	—	J	PE12e[r]	Y	SW-846:6850	GELC	13.8	NMED A1 TAP SCRN LVL	0.91
Regional	R-62	1158.4	01/23/2019	Inorganic	Chromium	Cr	F	INIT	REG	Y	311	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020	GELC	50	NM GW STD	6.22
Regional	R-62	1158.4	05/14/2019	Inorganic	Chromium	Cr	F	INIT	REG	Y	284	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020	GELC	50	NM GW STD	5.68
Regional	R-62	1158.4	07/26/2019	Inorganic	Chromium	Cr	F	INIT	REG	Y	270	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020	GELC	50	NM GW STD	5.40
Regional	R-62	1158.4	11/12/2019	Inorganic	Chromium	Cr	F	INIT	REG	Y	287	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020B	GELC	50	NM GW STD	5.74

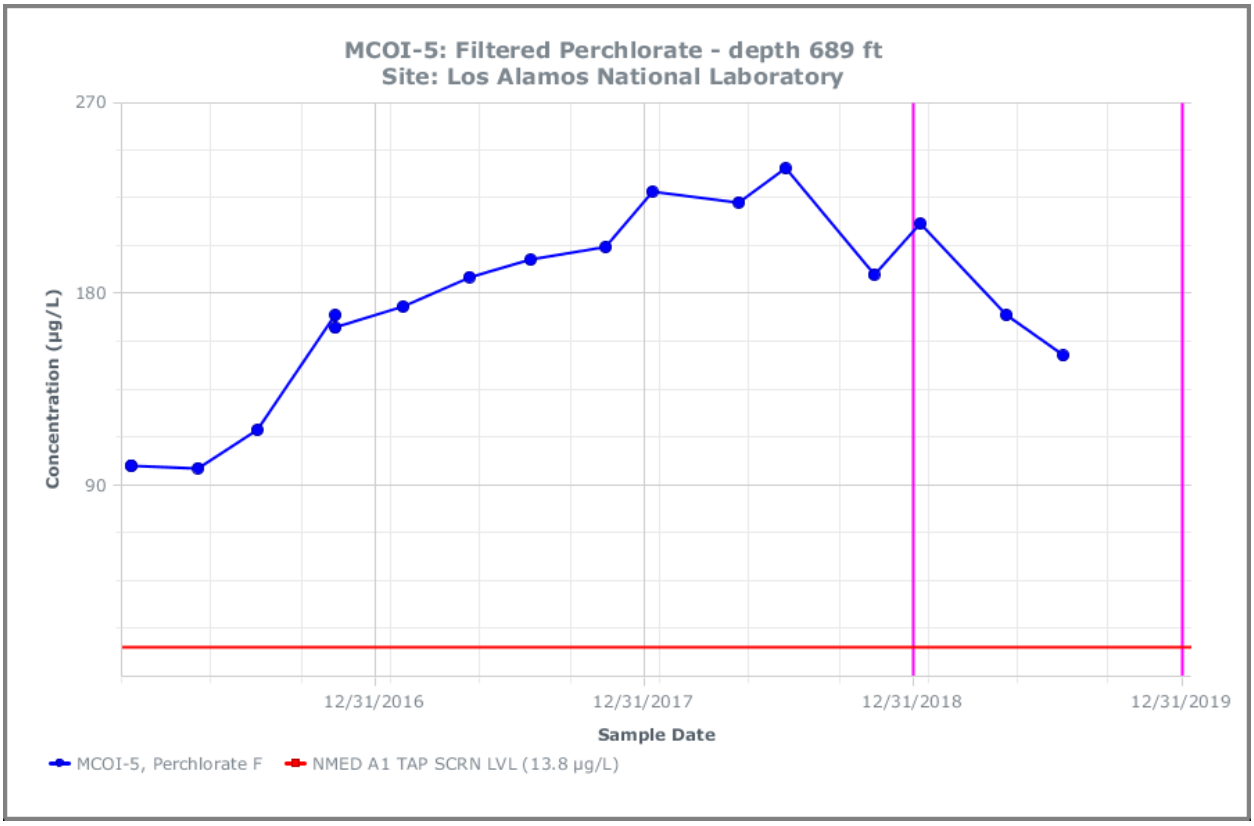
[a] F = Filtered.
[b] INIT = Initial.
[c] REG = Regular.
[d] Y = Yes.
[e] — = None.
[f] NQ = Not qualified.
[g] GELC = General Engineering Laboratories, Inc., Charleston, SC.
[h] EPA MCL = U.S. Environmental Protection Agency maximum contaminant level.
[i] LCMS/MS = Liquid chromatography mass spectrometry/mass spectrometry.
[j] NMED A1 TAP SCRN LVL = New Mexico Environment Department screening level for tap water.
[k] UF = Unfiltered.
[l] NM GW STD = New Mexico Water Quality Control Commission groundwater standard.
[m] H = The required extraction or analysis holding time for this result was exceeded.
[n] J = The associated numerical value is an estimated quantity.
[o] J LAB = The laboratory has identified the associated numerical value is an estimated quality.
[p] FD = Field duplicate.
[q] R33 = Naturally occurring rad.
[r] PE12e = Laboratory control sample percent recovery was less than 10% . Follow the external lab limits.

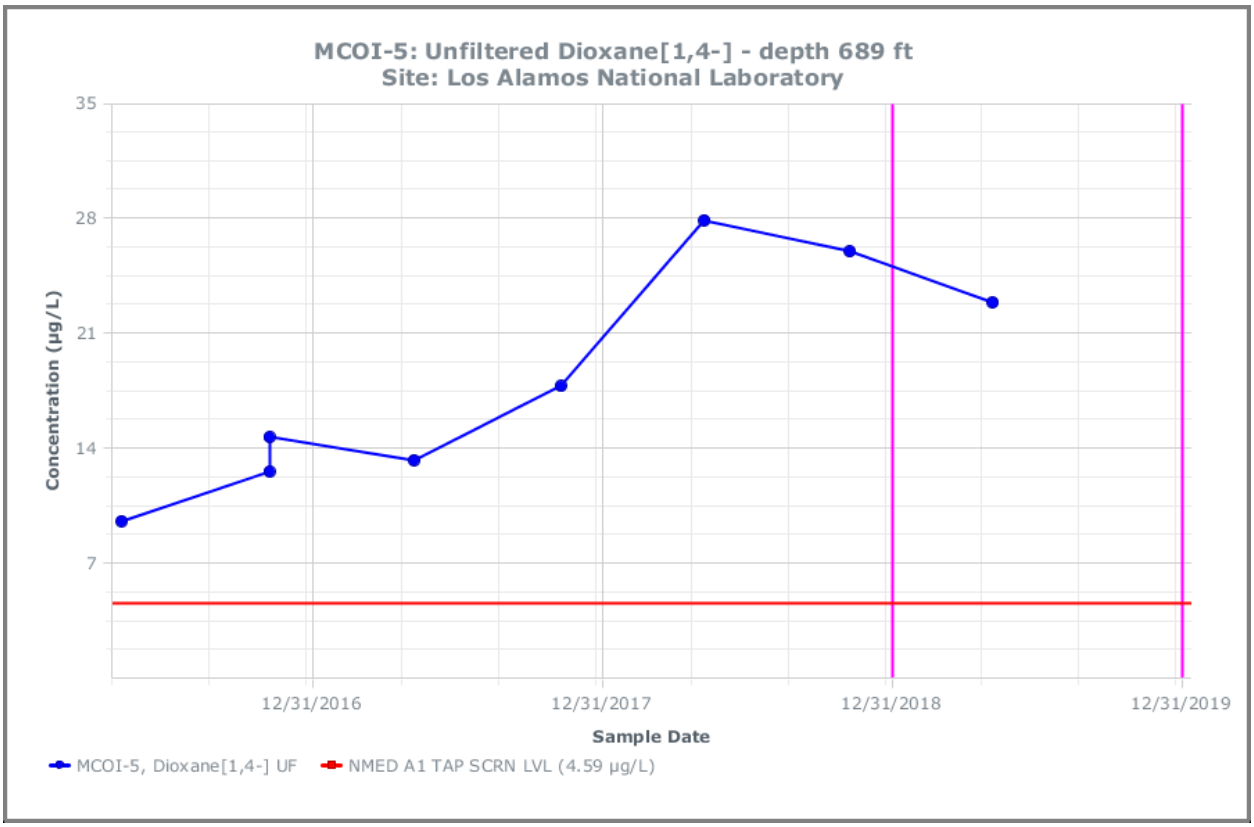
Appendix E

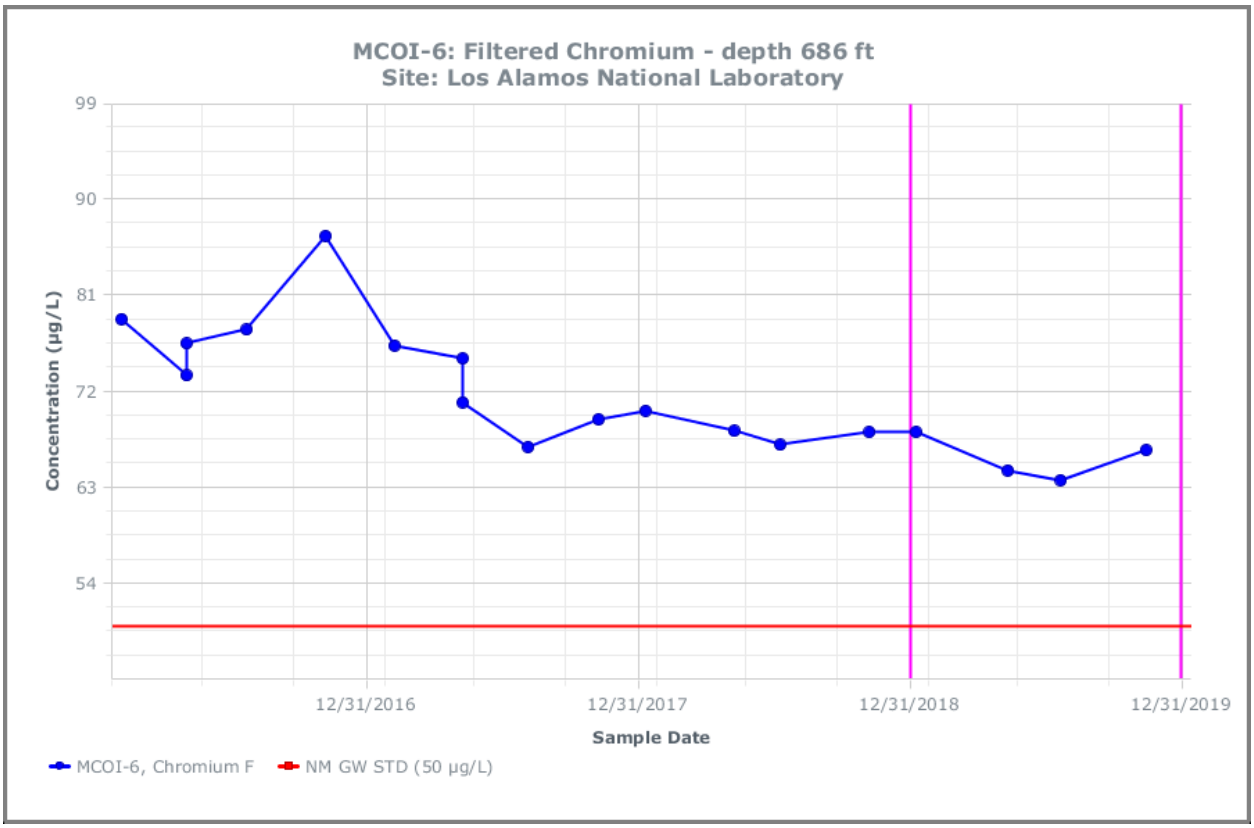
Analytical Chemistry Graphs of Results with Screening-Value Exceedances

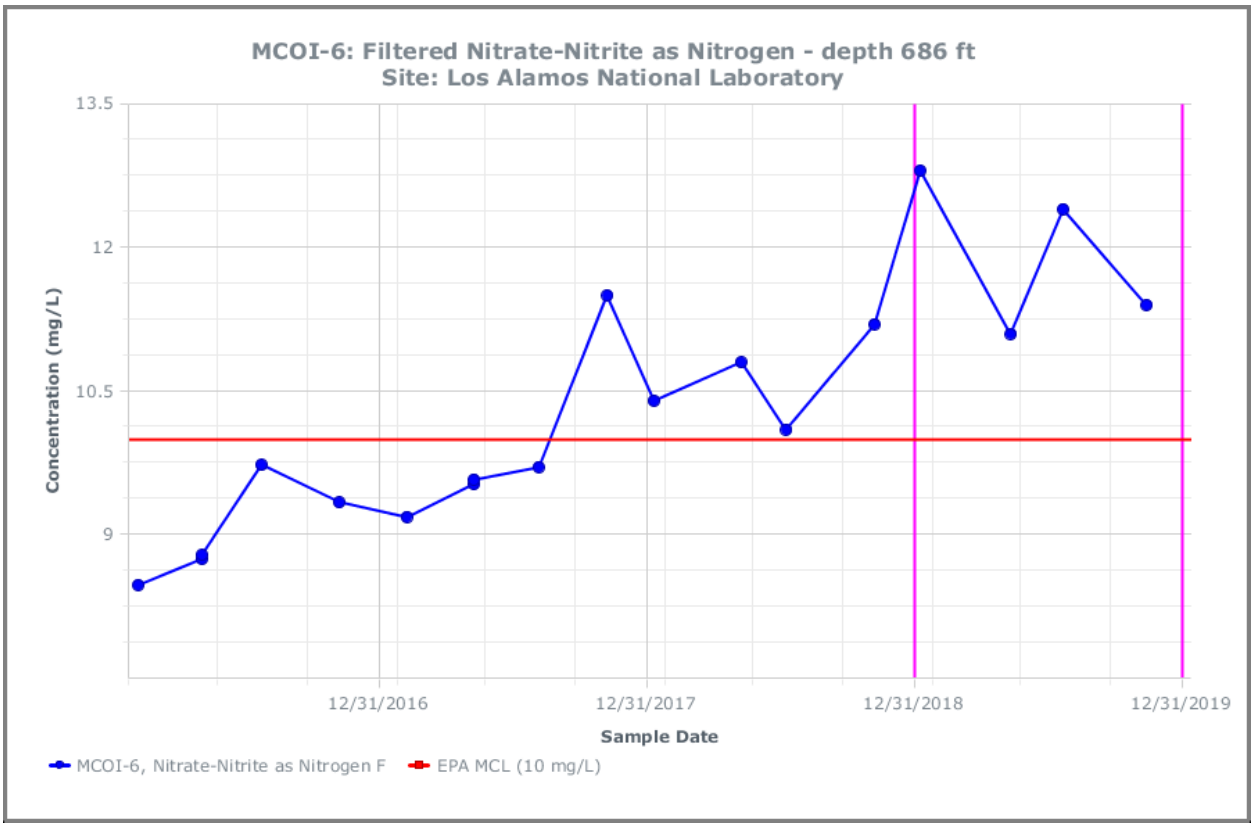
Note: The depths in the concentration plots are screen top depths; base flow locations are reported at 0 ft (see Table 2.0-1).

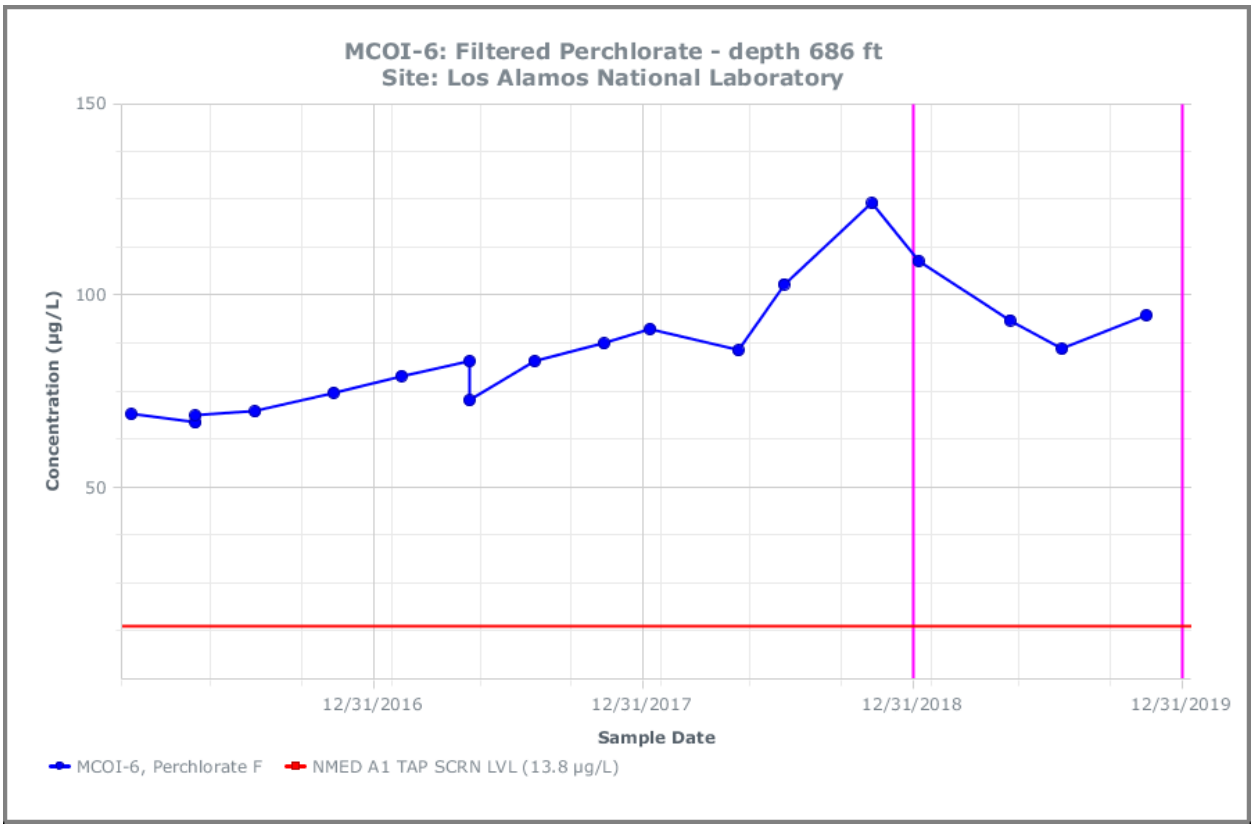


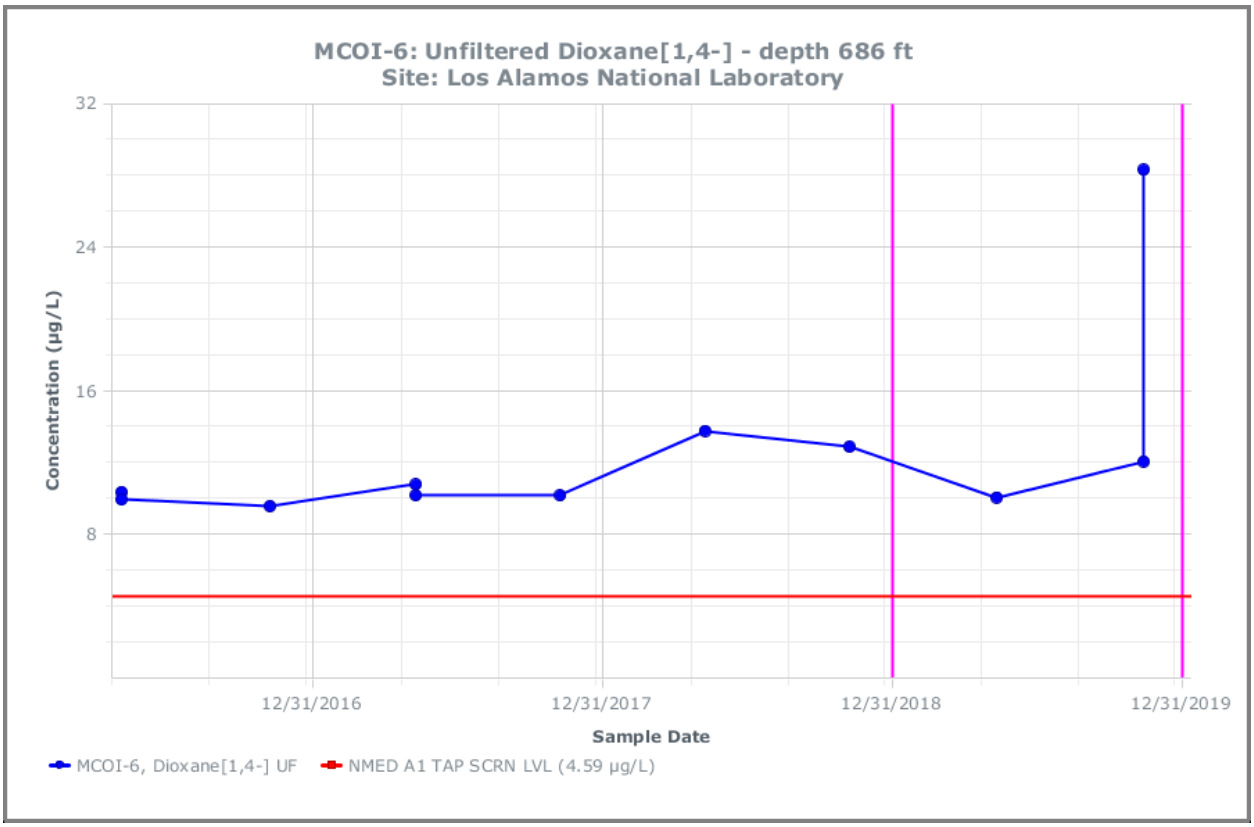


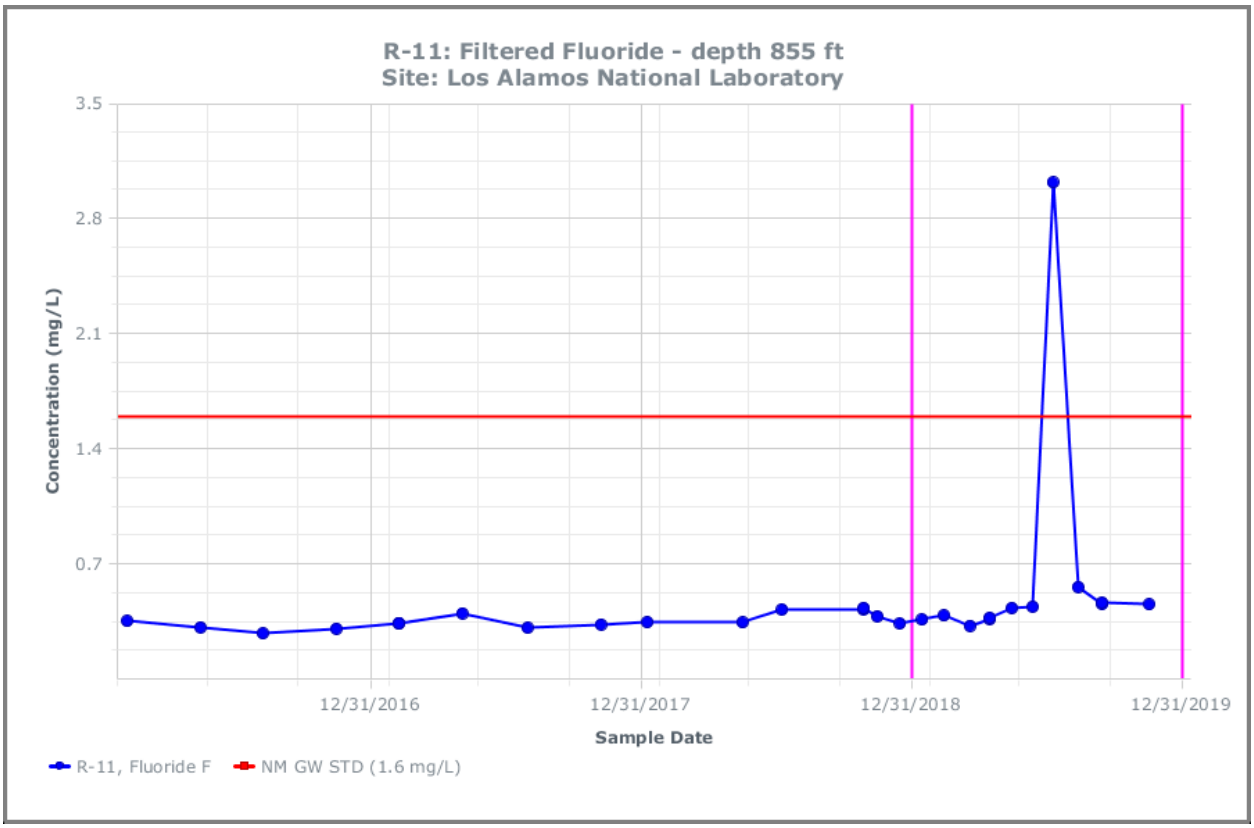

MCOI-5: Unfiltered Dioxane[1,4-] - depth 689 ft
Site: Los Alamos National Laboratory
Concentration (µg/L)
35
28
21
14
7
12/31/2016
12/31/2017
12/31/2018
12/31/2019
Sample Date
MCOI-5, Dioxane[1,4-] UF
NMED A1 TAP SCRN LVL (4.59 µg/L)

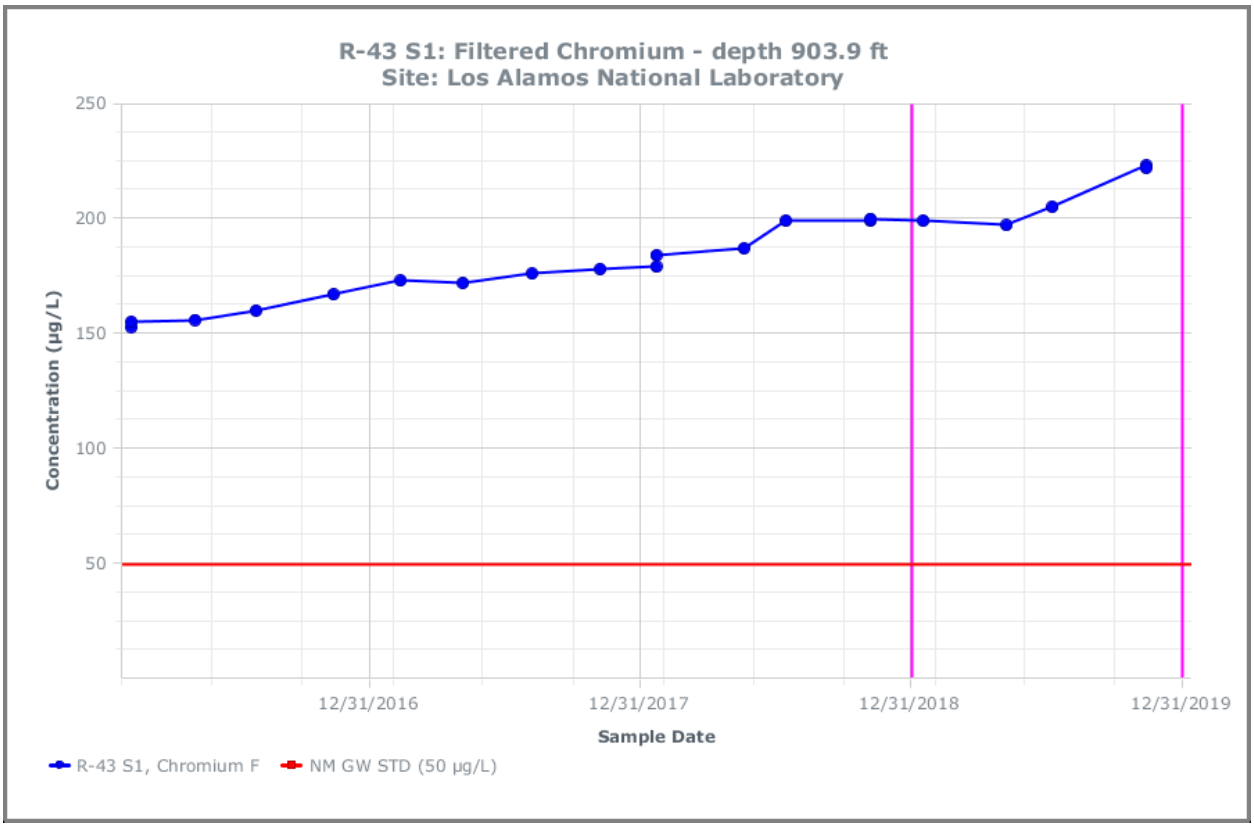

MCOI-6: Filtered Chromium - depth 686 ft
Site: Los Alamos National Laboratory
Concentration (µg/L)
99
90
81
72
63
54
12/31/2016
12/31/2017
12/31/2018
12/31/2019
Sample Date
MCOI-6, Chromium F
NM GW STD (50 µg/L)

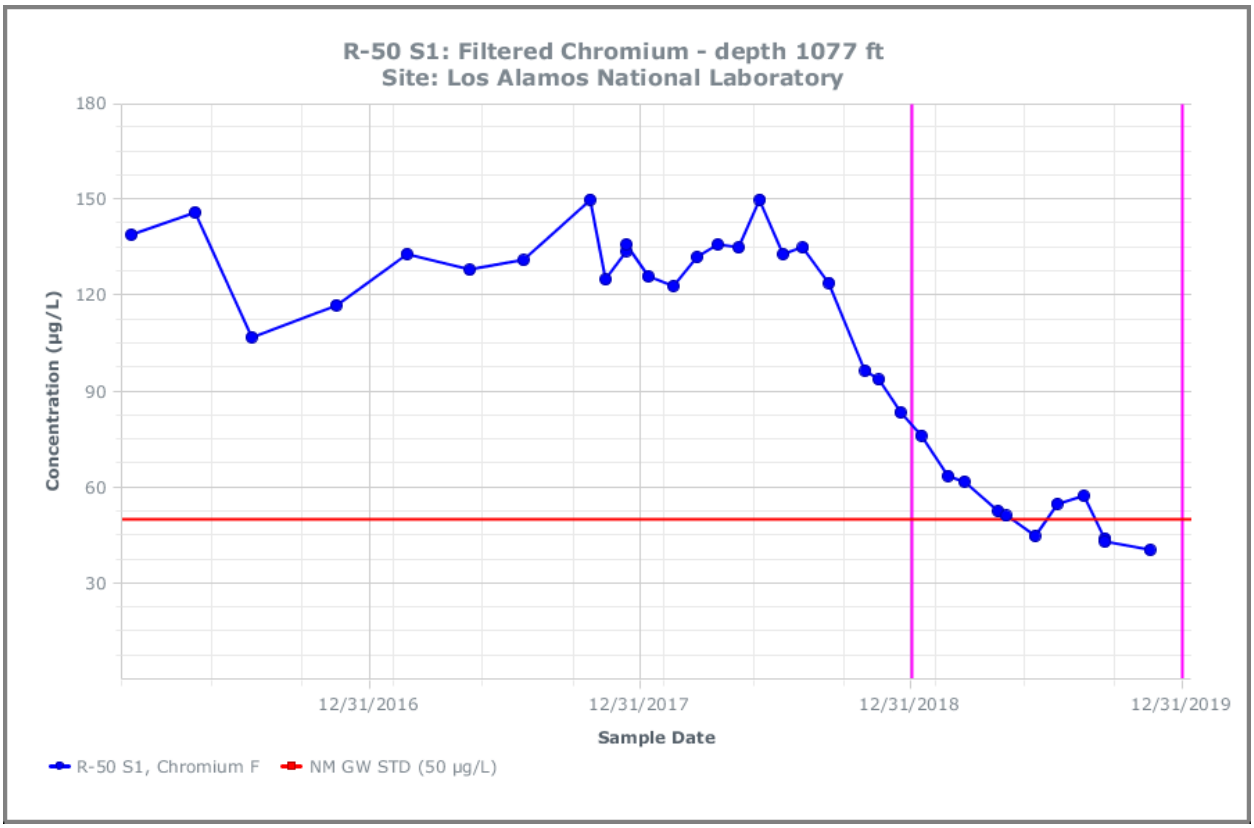

MCOI-6: Filtered Nitrate-Nitrite as Nitrogen - depth 686 ft
Site: Los Alamos National Laboratory
13.5
12
10.5
9
Concentration (mg/L)
12/31/2016
12/31/2017
12/31/2018
12/31/2019
Sample Date
MCOI-6, Nitrate-Nitrite as Nitrogen F
EPA MCL (10 mg/L)

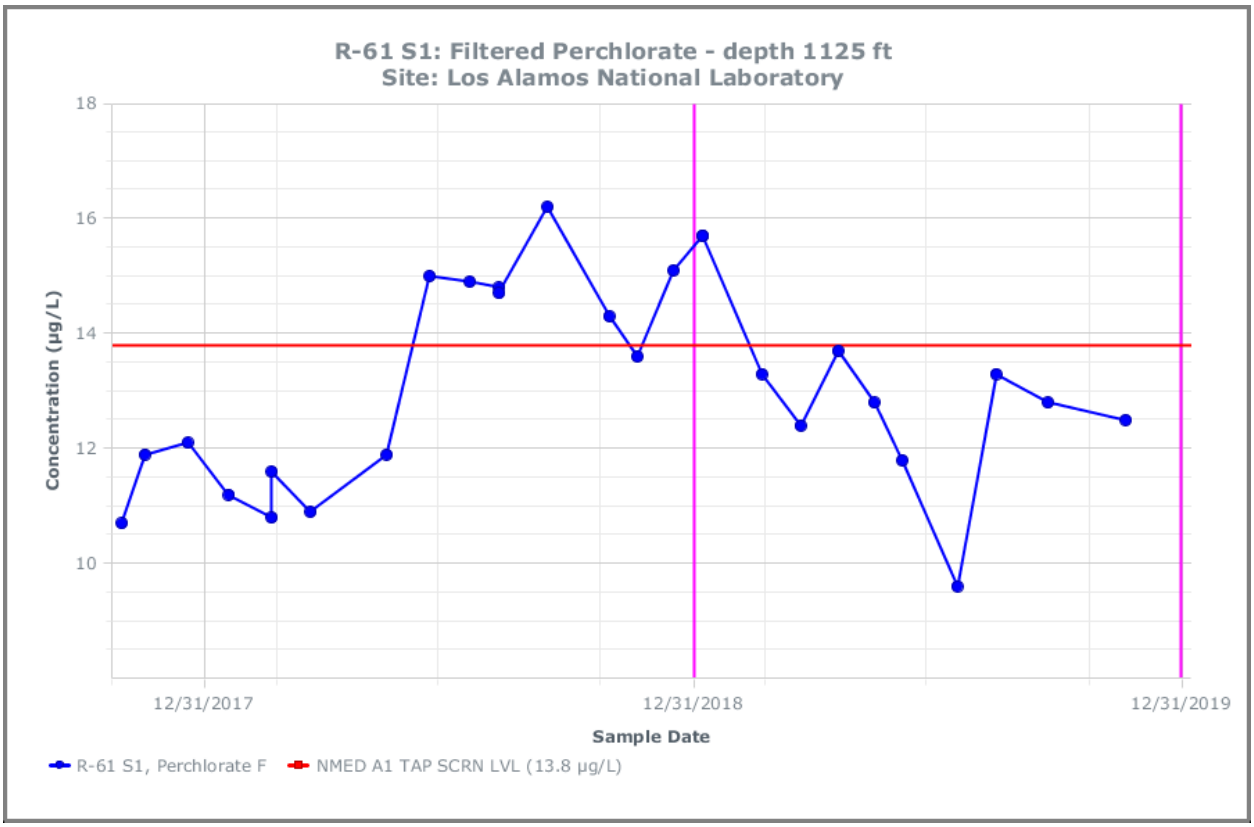

MCOI-6: Filtered Perchlorate - depth 686 ft
Site: Los Alamos National Laboratory
150
100
50
Concentration (µg/L)
12/31/2016
12/31/2017
12/31/2018
12/31/2019
Sample Date
MCOI-6, Perchlorate F
NMED A1 TAP SCRN LVL (13.8 µg/L)

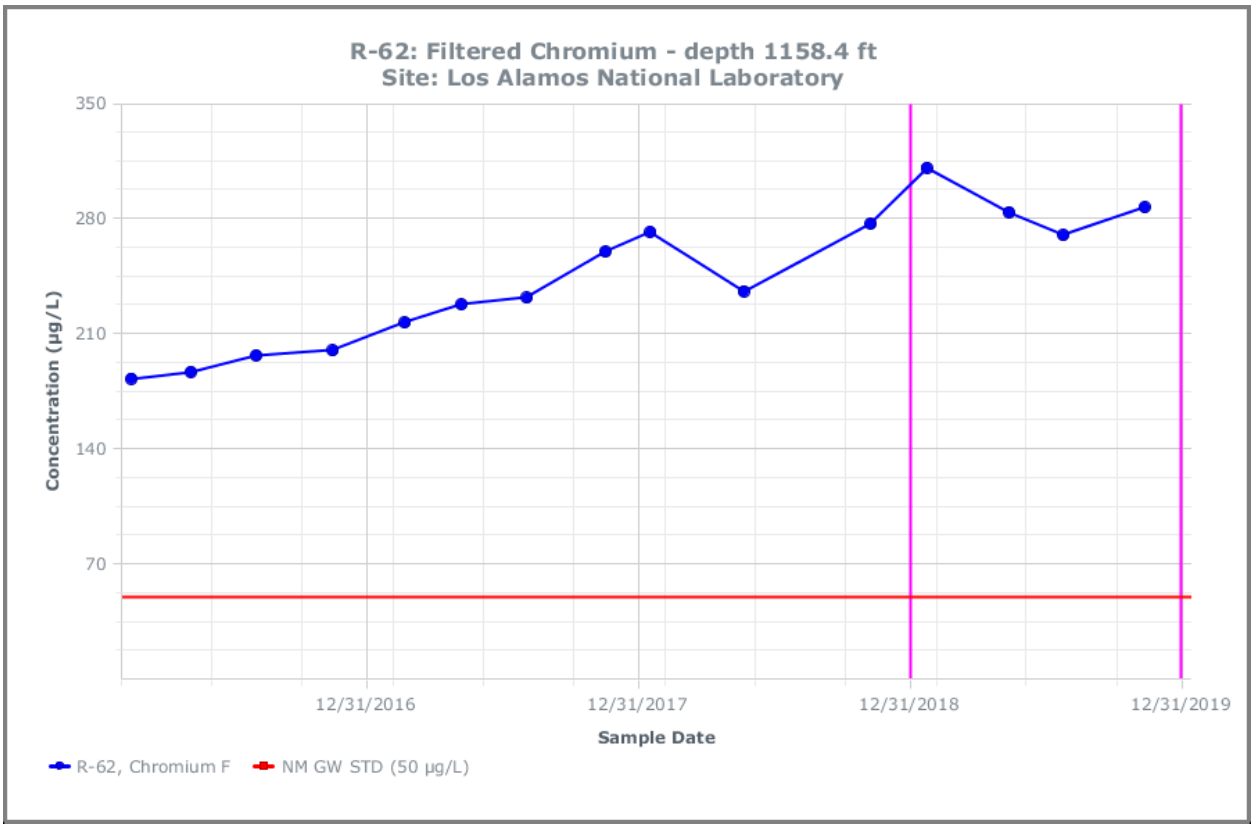

MCOI-6: Unfiltered Dioxane[1,4-] - depth 686 ft
Site: Los Alamos National Laboratory
Concentration (µg/L)
32
24
16
8
12/31/2016
12/31/2017
12/31/2018
12/31/2019
Sample Date
MCOI-6, Dioxane[1,4-] UF
NMED A1 TAP SCRN LVL (4.59 µg/L)

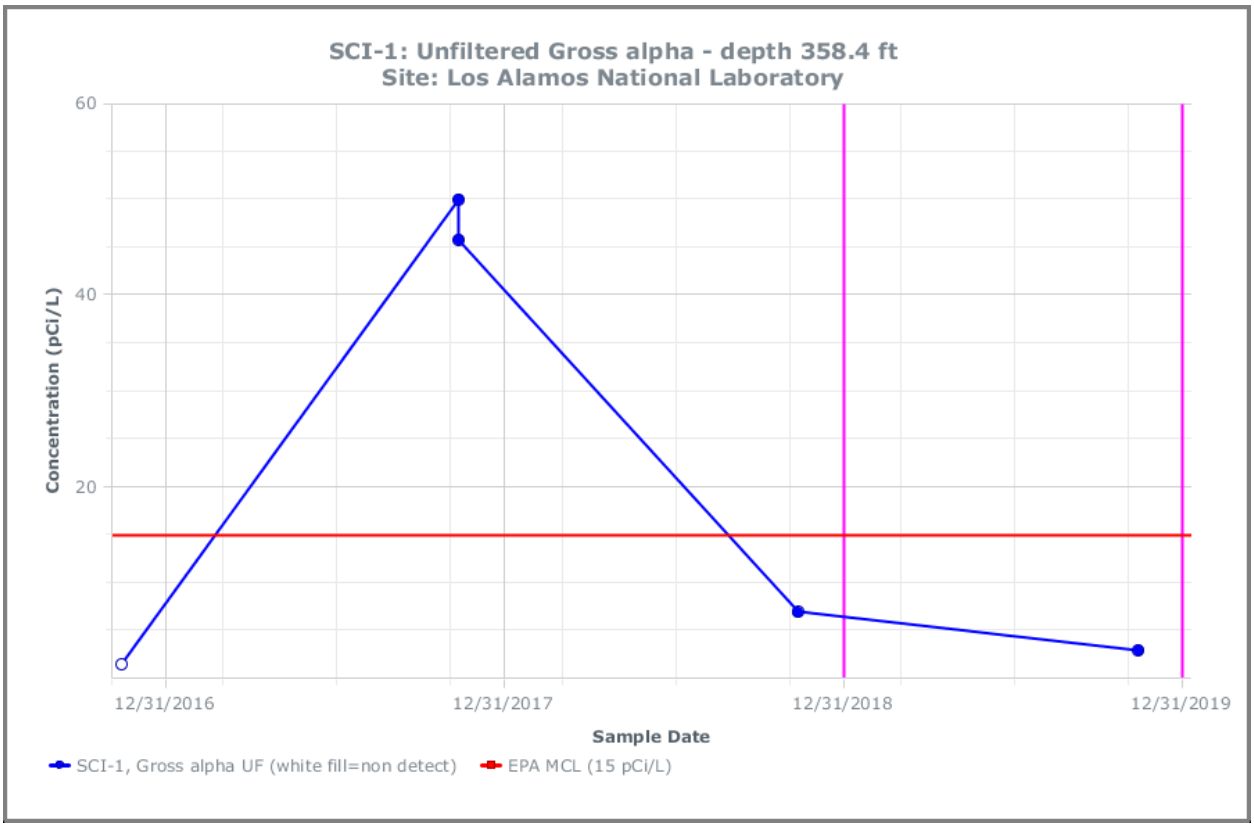

R-11: Filtered Fluoride - depth 855 ft
Site: Los Alamos National Laboratory
Concentration (mg/L)
3.5
2.8
2.1
1.4
0.7
12/31/2016
12/31/2017
12/31/2018
12/31/2019
Sample Date
R-11, Fluoride F
NM GW STD (1.6 mg/L)

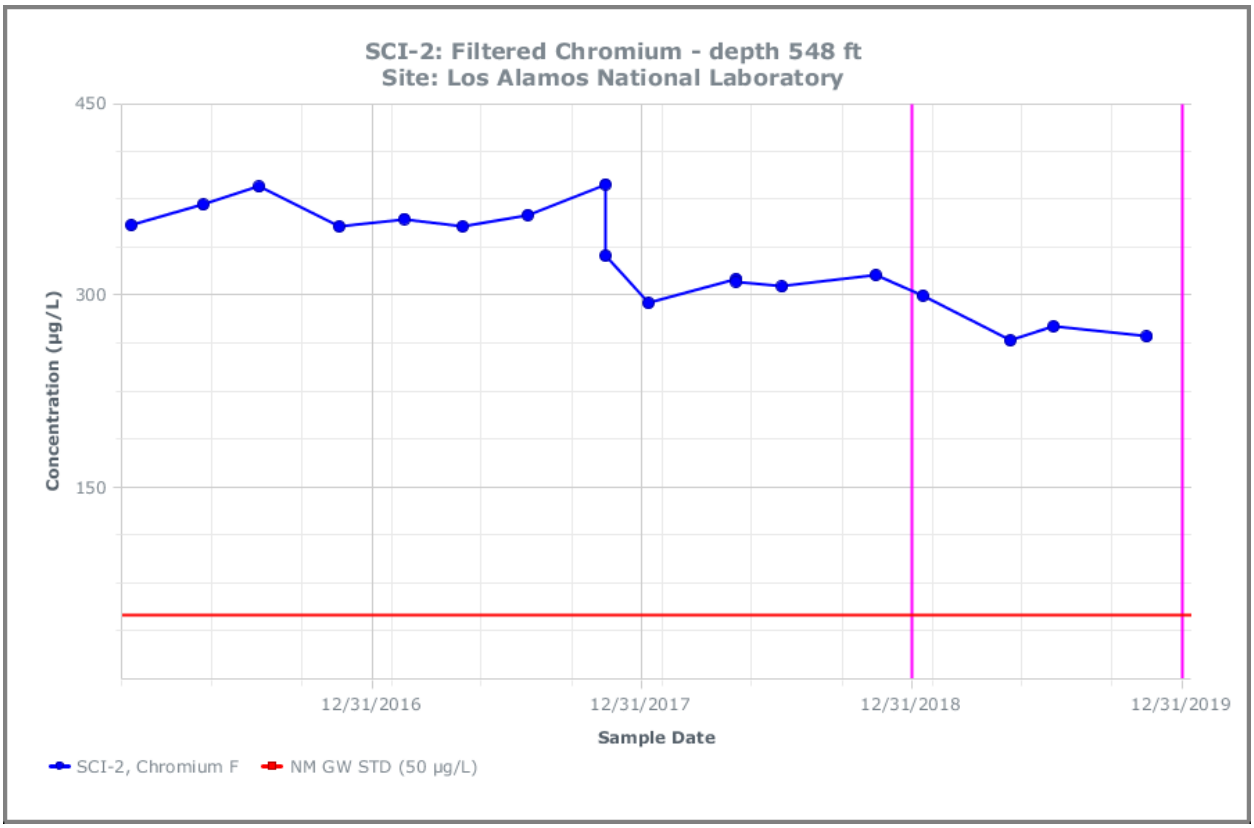

R-43 S1: Filtered Chromium - depth 903.9 ft
Site: Los Alamos National Laboratory
Concentration (µg/L)
250
200
150
100
50
12/31/2016
12/31/2017
12/31/2018
12/31/2019
Sample Date
R-43 S1, Chromium F
NM GW STD (50 µg/L)


R-50 S1: Filtered Chromium - depth 1077 ft
Site: Los Alamos National Laboratory
Concentration (µg/L)
180
150
120
90
60
30
12/31/2016
12/31/2017
12/31/2018
12/31/2019
Sample Date
R-50 S1, Chromium F
NM GW STD (50 µg/L)


R-61 S1: Filtered Perchlorate - depth 1125 ft
Site: Los Alamos National Laboratory
Concentration (µg/L)
18
16
14
12
10
12/31/2017
12/31/2018
12/31/2019
Sample Date
R-61 S1, Perchlorate F
NMED A1 TAP SCRN LVL (13.8 µg/L)


R-62: Filtered Chromium - depth 1158.4 ft
Site: Los Alamos National Laboratory
Concentration (µg/L)
350
280
210
140
70
12/31/2016
12/31/2017
12/31/2018
12/31/2019
Sample Date
R-62, Chromium F
NM GW STD (50 µg/L)


SCI-1: Unfiltered Gross alpha - depth 358.4 ft
Site: Los Alamos National Laboratory
60
40
20
Concentration (pCi/L)
12/31/2016
12/31/2017
12/31/2018
12/31/2019
Sample Date
SCI-1, Gross alpha UF (white fill=non detect)
EPA MCL (15 pCi/L)


SCI-2: Filtered Chromium - depth 548 ft
Site: Los Alamos National Laboratory
450
300
150
Concentration (µg/L)
12/31/2016
12/31/2017
12/31/2018
12/31/2019
Sample Date
SCI-2, Chromium F
NM GW STD (50 µg/L)

Appendix F

Analytical Reports
(on DVD included with this document)

DVD Table of Contents

Chain of Custody #	Parameter Category	Lab ID	Field Sample ID	Sample Date	Location ID	Screen Start (Top) Depth (ft)	Screen End (Bottom) Depth (ft)
N3B-2019-1804	Inorganic	GELC[a]	CASA-19-175185	05/07/2019	R-35a	1013.1	1062.2
N3B-2019-1804	Inorganic	GELC	CASA-19-175186	05/07/2019	R-35a	1013.1	1062.2
N3B-2019-1804	Inorganic	GELC	CASA-19-175188	05/07/2019	R-35a	1013.1	1062.2
N3B-2019-1804	Inorganic	GELC	CASA-19-175189	05/07/2019	R-35a	1013.1	1062.2
N3B-2019-1804	Inorganic	GELC	CASA-19-175190	05/07/2019	R-35b	825.4	848.5
N3B-2019-1804	Inorganic	GELC	CASA-19-175191	05/07/2019	R-35b	825.4	848.5
N3B-2019-1823	Inorganic	GELC	CAMO-19-175108	05/08/2019	MCOI-5	689.0	699.0
N3B-2019-1823	Inorganic	GELC	CAMO-19-175109	05/08/2019	MCOI-5	689.0	699.0
N3B-2019-1823	Organic	GELC	CAMO-19-175109	05/08/2019	MCOI-5	689.0	699.0
N3B-2019-1827	Inorganic	GELC	CASA-19-175193	05/08/2019	R-36	766.9	789.9
N3B-2019-1827	Inorganic	GELC	CASA-19-175194	05/08/2019	R-36	766.9	789.9
N3B-2019-1829	Rad[b]	ARSL[c]	CASA-19-175186	05/07/2019	R-35a	1013.1	1062.2
N3B-2019-1829	Rad	ARSL	CASA-19-175189	05/07/2019	R-35a	1013.1	1062.2
N3B-2019-1829	Rad	ARSL	CASA-19-175191	05/07/2019	R-35b	825.4	848.5
N3B-2019-1829	Rad	ARSL	CASA-19-175194	05/08/2019	R-36	766.9	789.9
N3B-2019-1877	Inorganic	GELC	CAMO-19-175138	05/09/2019	R-13	958.3	1018.7
N3B-2019-1877	Inorganic	GELC	CAMO-19-175139	05/09/2019	R-13	958.3	1018.7
N3B-2019-1877	Inorganic	GELC	CAMO-19-175140	05/09/2019	R-15	958.6	1020.3
N3B-2019-1877	Inorganic	GELC	CAMO-19-175141	05/09/2019	R-15	958.6	1020.3
N3B-2019-1877	Inorganic	GELC	CASA-19-175195	05/10/2019	R-43 S1	903.9	924.6
N3B-2019-1877	Inorganic	GELC	CASA-19-175196	05/10/2019	R-43 S1	903.9	924.6
N3B-2019-1877	Inorganic	GELC	CAMO-19-175165	05/09/2019	R-50 S1	1077.0	1087.0
N3B-2019-1877	Inorganic	GELC	CAMO-19-175166	05/09/2019	R-50 S1	1077.0	1087.0
N3B-2019-1877	Inorganic	GELC	CASA-19-175199	05/10/2019	R-67	1242.6	1263.0
N3B-2019-1877	Inorganic	GELC	CASA-19-175200	05/10/2019	R-67	1242.6	1263.0
N3B-2019-1916	Inorganic	GELC	CAMO-19-175133	05/13/2019	MCOI-6	686.0	709.0
N3B-2019-1916	Inorganic	GELC	CAMO-19-175137	05/13/2019	R-1	1031.1	1057.4
N3B-2019-1916	Inorganic	GELC	CAMO-19-175149	05/15/2019	R-44 S1	895.0	905.0
N3B-2019-1916	Inorganic	GELC	CAMO-19-175153	05/15/2019	R-44 S2	985.3	995.2
N3B-2019-1916	Inorganic	GELC	CAMO-19-175156	05/15/2019	R-45 S1	880.0	890.0
N3B-2019-1916	Inorganic	GELC	CAMO-19-175163	05/15/2019	R-45 S2	974.9	994.9
N3B-2019-1916	Inorganic	GELC	CAMO-19-175169	05/14/2019	R-50 S2	1185.0	1205.6
N3B-2019-1916	Inorganic	GELC	CAMO-19-175174	05/14/2019	R-62	1158.4	1179.1
N3B-2019-1916	Inorganic	GELC	CASA-19-175181	05/14/2019	SCI-2	548.0	568.0
N3B-2019-1916	Organic	GELC	CAMO-19-175133	05/13/2019	MCOI-6	686.0	709.0
N3B-2019-1943	Inorganic	GELC	CASA-19-175183	05/17/2019	R-11	855.0	877.9

Chain of Custody #	Parameter Category	Lab ID	Field Sample ID	Sample Date	Location ID	Screen Start (Top) Depth (ft)	Screen End (Bottom) Depth (ft)
N3B-2019-1943	Inorganic	GELC	CAMO-19-175143	05/20/2019	R-33 S1	995.5	1018.5
N3B-2019-1943	Inorganic	GELC	CAMO-19-175145	05/20/2019	R-33 S1	995.5	1018.5
N3B-2019-1943	Inorganic	GELC	CAMO-19-175147	05/20/2019	R-33 S2	1112.4	1122.3
N3B-2019-1943	Inorganic	GELC	CASA-19-175198	05/16/2019	R-43 S2	969.1	979.1
N3B-2019-1943	Inorganic	GELC	CAMO-19-175172	05/16/2019	R-61 S1	1125.0	1135.0
N3B-2019-1943	Inorganic	GELC	CASA-19-175179	05/20/2019	SCI-1	358.4	377.9
N3B-2019-1962	Inorganic	GELC	CAMO-19-175176	05/21/2019	SIMR-2	885.0	905.4
N3B-2019-1983	Rad	ARSL	CASA-19-175183	05/17/2019	R-11	855.0	877.9
N3B-2019-1983	Rad	ARSL	CAMO-19-175149	05/15/2019	R-44 S1	895.0	905.0
N3B-2019-1983	Rad	ARSL	CAMO-19-175153	05/15/2019	R-44 S2	985.3	995.2
N3B-2019-1983	Rad	ARSL	CAMO-19-175156	05/15/2019	R-45 S1	880.0	890.0
N3B-2019-1983	Rad	ARSL	CAMO-19-175163	05/15/2019	R-45 S2	974.9	994.9
N3B-2019-1983	Rad	ARSL	CAMO-19-175166	05/09/2019	R-50 S1	1077.0	1087.0
N3B-2019-1983	Rad	ARSL	CAMO-19-175169	05/14/2019	R-50 S2	1185.0	1205.6
N3B-2019-1983	Rad	ARSL	CAMO-19-175172	05/16/2019	R-61 S1	1125.0	1135.0
N3B-2019-1983	Rad	ARSL	CASA-19-175200	05/10/2019	R-67	1242.6	1263.0
N3B-2019-1983	Rad	ARSL	CAMO-19-175176	05/21/2019	SIMR-2	885.0	905.4
N3B-2019-1989	Inorganic	GELC	CAMO-19-175175	05/21/2019	SIMR-2	885.0	905.4
N3B-2019-1989	Inorganic	GELC	CAMO-19-175176	05/21/2019	SIMR-2	885.0	905.4
N3B-2019-1991	Inorganic	GELC	CASA-19-175182	05/17/2019	R-11	855.0	877.9
N3B-2019-1991	Inorganic	GELC	CASA-19-175183	05/17/2019	R-11	855.0	877.9
N3B-2019-1991	Inorganic	GELC	CAMO-19-175142	05/20/2019	R-33 S1	995.5	1018.5
N3B-2019-1991	Inorganic	GELC	CAMO-19-175143	05/20/2019	R-33 S1	995.5	1018.5
N3B-2019-1991	Inorganic	GELC	CAMO-19-175144	05/20/2019	R-33 S1	995.5	1018.5
N3B-2019-1991	Inorganic	GELC	CAMO-19-175145	05/20/2019	R-33 S1	995.5	1018.5
N3B-2019-1991	Inorganic	GELC	CAMO-19-175146	05/20/2019	R-33 S2	1112.4	1122.3
N3B-2019-1991	Inorganic	GELC	CAMO-19-175147	05/20/2019	R-33 S2	1112.4	1122.3
N3B-2019-1991	Inorganic	GELC	CASA-19-175197	05/16/2019	R-43 S2	969.1	979.1
N3B-2019-1991	Inorganic	GELC	CASA-19-175198	05/16/2019	R-43 S2	969.1	979.1
N3B-2019-1991	Inorganic	GELC	CAMO-19-175171	05/16/2019	R-61 S1	1125.0	1135.0
N3B-2019-1991	Inorganic	GELC	CAMO-19-175172	05/16/2019	R-61 S1	1125.0	1135.0
N3B-2019-1991	Inorganic	GELC	CASA-19-175178	05/20/2019	SCI-1	358.4	377.9
N3B-2019-1991	Inorganic	GELC	CASA-19-175179	05/20/2019	SCI-1	358.4	377.9
N3B-2019-2011	Inorganic	GELC	CAMO-19-175132	05/13/2019	MCOI-6	686.0	709.0
N3B-2019-2011	Inorganic	GELC	CAMO-19-175133	05/13/2019	MCOI-6	686.0	709.0
N3B-2019-2011	Inorganic	GELC	CAMO-19-175136	05/13/2019	R-1	1031.1	1057.4
N3B-2019-2011	Inorganic	GELC	CAMO-19-175137	05/13/2019	R-1	1031.1	1057.4

Chain of Custody #	Parameter Category	Lab ID	Field Sample ID	Sample Date	Location ID	Screen Start (Top) Depth (ft)	Screen End (Bottom) Depth (ft)
N3B-2019-2011	Inorganic	GELC	CAMO-19-175148	05/15/2019	R-44 S1	895.0	905.0
N3B-2019-2011	Inorganic	GELC	CAMO-19-175149	05/15/2019	R-44 S1	895.0	905.0
N3B-2019-2011	Inorganic	GELC	CAMO-19-175152	05/15/2019	R-44 S2	985.3	995.2
N3B-2019-2011	Inorganic	GELC	CAMO-19-175153	05/15/2019	R-44 S2	985.3	995.2
N3B-2019-2011	Inorganic	GELC	CAMO-19-175155	05/15/2019	R-45 S1	880.0	890.0
N3B-2019-2011	Inorganic	GELC	CAMO-19-175156	05/15/2019	R-45 S1	880.0	890.0
N3B-2019-2011	Inorganic	GELC	CAMO-19-175162	05/15/2019	R-45 S2	974.9	994.9
N3B-2019-2011	Inorganic	GELC	CAMO-19-175163	05/15/2019	R-45 S2	974.9	994.9
N3B-2019-2011	Inorganic	GELC	CAMO-19-175168	05/14/2019	R-50 S2	1185.0	1205.6
N3B-2019-2011	Inorganic	GELC	CAMO-19-175169	05/14/2019	R-50 S2	1185.0	1205.6
N3B-2019-2011	Inorganic	GELC	CAMO-19-175173	05/14/2019	R-62	1158.4	1179.1
N3B-2019-2011	Inorganic	GELC	CAMO-19-175174	05/14/2019	R-62	1158.4	1179.1
N3B-2019-2011	Inorganic	GELC	CASA-19-175180	05/14/2019	SCI-2	548.0	568.0
N3B-2019-2011	Inorganic	GELC	CASA-19-175181	05/14/2019	SCI-2	548.0	568.0
N3B-2019-2431	Inorganic	GELC	CAMO-19-181826	07/09/2019	R-13	958.3	1018.7
N3B-2019-2431	Inorganic	GELC	CAMO-19-181827	07/09/2019	R-13	958.3	1018.7
N3B-2019-2431	Inorganic	GELC	CAMO-19-181828	07/09/2019	R-15	958.6	1020.3
N3B-2019-2431	Inorganic	GELC	CAMO-19-181829	07/09/2019	R-15	958.6	1020.3
N3B-2019-2431	Inorganic	GELC	CAMO-19-181830	07/09/2019	R-33 S1	995.5	1018.5
N3B-2019-2431	Inorganic	GELC	CAMO-19-181831	07/09/2019	R-33 S1	995.5	1018.5
N3B-2019-2431	Inorganic	GELC	CAMO-19-181832	07/09/2019	R-33 S2	1112.4	1122.3
N3B-2019-2431	Inorganic	GELC	CAMO-19-181833	07/09/2019	R-33 S2	1112.4	1122.3
N3B-2019-2431	Inorganic	GELC	CAMO-19-181834	07/09/2019	R-33 S2	1112.4	1122.3
N3B-2019-2431	Inorganic	GELC	CAMO-19-181835	07/09/2019	R-33 S2	1112.4	1122.3
N3B-2019-2508	Inorganic	GELC	CASA-19-182098	07/11/2019	R-11	855.0	877.9
N3B-2019-2508	Inorganic	GELC	CASA-19-182099	07/11/2019	R-11	855.0	877.9
N3B-2019-2508	Inorganic	GELC	CASA-19-182704	07/12/2019	R-35b	825.4	848.5
N3B-2019-2508	Inorganic	GELC	CASA-19-182705	07/12/2019	R-35b	825.4	848.5
N3B-2019-2508	Inorganic	GELC	CASA-19-182707	07/11/2019	R-36	766.9	789.9
N3B-2019-2508	Inorganic	GELC	CASA-19-182708	07/11/2019	R-36	766.9	789.9
N3B-2019-2508	Inorganic	GELC	CASA-19-182709	07/11/2019	R-43 S1	903.9	924.6
N3B-2019-2508	Inorganic	GELC	CASA-19-182710	07/11/2019	R-43 S1	903.9	924.6
N3B-2019-2508	Inorganic	GELC	CASA-19-182711	07/11/2019	R-43 S2	969.1	979.1
N3B-2019-2508	Inorganic	GELC	CASA-19-182712	07/11/2019	R-43 S2	969.1	979.1
N3B-2019-2508	Inorganic	GELC	CASA-19-182713	07/11/2019	R-43 S2	969.1	979.1
N3B-2019-2508	Inorganic	GELC	CASA-19-182714	07/11/2019	R-43 S2	969.1	979.1
N3B-2019-2508	Inorganic	GELC	CAMO-19-181863	07/12/2019	R-50 S2	1185.0	1205.6

Chain of Custody #	Parameter Category	Lab ID	Field Sample ID	Sample Date	Location ID	Screen Start (Top) Depth (ft)	Screen End (Bottom) Depth (ft)
N3B-2019-2508	Inorganic	GELC	CAMO-19-181864	07/12/2019	R-50 S2	1185.0	1205.6
N3B-2019-2508	Inorganic	GELC	CASA-19-182096	07/12/2019	SCI-2	548.0	568.0
N3B-2019-2508	Inorganic	GELC	CASA-19-182097	07/12/2019	SCI-2	548.0	568.0
N3B-2019-2530	Inorganic	GELC	CAMO-19-181836	07/15/2019	R-44 S1	895.0	905.0
N3B-2019-2530	Inorganic	GELC	CAMO-19-181837	07/15/2019	R-44 S1	895.0	905.0
N3B-2019-2530	Inorganic	GELC	CAMO-19-181850	07/15/2019	R-44 S2	985.3	995.2
N3B-2019-2530	Inorganic	GELC	CAMO-19-181851	07/15/2019	R-44 S2	985.3	995.2
N3B-2019-2554	Inorganic	GELC	CAMO-19-181853	07/16/2019	R-45 S1	880.0	890.0
N3B-2019-2554	Inorganic	GELC	CAMO-19-181854	07/16/2019	R-45 S1	880.0	890.0
N3B-2019-2554	Inorganic	GELC	CAMO-19-181856	07/16/2019	R-45 S2	974.9	994.9
N3B-2019-2554	Inorganic	GELC	CAMO-19-181857	07/16/2019	R-45 S2	974.9	994.9
N3B-2019-2573	Inorganic	GELC	CAMO-19-181859	07/17/2019	R-50 S1	1077.0	1087.0
N3B-2019-2573	Inorganic	GELC	CAMO-19-181860	07/17/2019	R-50 S1	1077.0	1087.0
N3B-2019-2573	Inorganic	GELC	CAMO-19-181866	07/17/2019	R-61 S1	1125.0	1135.0
N3B-2019-2573	Inorganic	GELC	CAMO-19-181867	07/17/2019	R-61 S1	1125.0	1135.0
N3B-2019-2598	Inorganic	GELC	CAMO-19-181870	07/18/2019	SIMR-2	885.0	905.4
N3B-2019-2598	Inorganic	GELC	CAMO-19-181871	07/18/2019	SIMR-2	885.0	905.4
N3B-2019-2610	Inorganic	GELC	CASA-19-182101	07/19/2019	R-35a	1013.1	1062.2
N3B-2019-2610	Inorganic	GELC	CASA-19-182102	07/19/2019	R-35a	1013.1	1062.2
N3B-2019-2631	Inorganic	GELC	CAMO-19-181824	07/23/2019	MCOI-6	686.0	709.0
N3B-2019-2631	Inorganic	GELC	CAMO-19-181825	07/23/2019	MCOI-6	686.0	709.0
N3B-2019-2645	Inorganic	GELC	CAMO-19-181822	07/24/2019	MCOI-5	689.0	699.0
N3B-2019-2645	Inorganic	GELC	CAMO-19-181823	07/24/2019	MCOI-5	689.0	699.0
N3B-2019-2645	Inorganic	GELC	CASA-19-182715	07/24/2019	R-67	1242.6	1263.0
N3B-2019-2645	Inorganic	GELC	CASA-19-182716	07/24/2019	R-67	1242.6	1263.0
N3B-2019-2670	Inorganic	GELC	CAMO-19-181868	07/26/2019	R-62	1158.4	1179.1
N3B-2019-2670	Inorganic	GELC	CAMO-19-181869	07/26/2019	R-62	1158.4	1179.1
N3B-2019-733	Inorganic	GELC	CAMO-19-165990	01/08/2019	R-61 S1	1125.0	1135.0
N3B-2019-733	Inorganic	GELC	CAMO-19-165991	01/08/2019	R-61 S1	1125.0	1135.0
N3B-2019-733	Inorganic	GELC	CAMO-19-165992	01/08/2019	R-61 S1	1125.0	1135.0
N3B-2019-733	Inorganic	GELC	CAMO-19-165993	01/08/2019	R-61 S1	1125.0	1135.0
N3B-2019-739	Inorganic	GELC	CAMO-19-165954	01/09/2019	MCOI-6	686.0	709.0
N3B-2019-739	Inorganic	GELC	CAMO-19-165955	01/09/2019	MCOI-6	686.0	709.0
N3B-2019-739	Inorganic	GELC	CASA-19-166006	01/09/2019	R-67	1242.6	1263.0
N3B-2019-739	Inorganic	GELC	CASA-19-166007	01/09/2019	R-67	1242.6	1263.0
N3B-2019-739	Inorganic	GELC	CASA-19-166008	01/09/2019	R-67	1242.6	1263.0
N3B-2019-739	Inorganic	GELC	CASA-19-166009	01/09/2019	R-67	1242.6	1263.0

Chain of Custody #	Parameter Category	Lab ID	Field Sample ID	Sample Date	Location ID	Screen Start (Top) Depth (ft)	Screen End (Bottom) Depth (ft)
N3B-2019-747	Inorganic	GELC	CAMO-19-165960	01/10/2019	R-13	958.3	1018.7
N3B-2019-747	Inorganic	GELC	CAMO-19-165961	01/10/2019	R-13	958.3	1018.7
N3B-2019-747	Inorganic	GELC	CAMO-19-165964	01/10/2019	R-33 S1	995.5	1018.5
N3B-2019-747	Inorganic	GELC	CAMO-19-165965	01/10/2019	R-33 S1	995.5	1018.5
N3B-2019-747	Inorganic	GELC	CAMO-19-165966	01/10/2019	R-33 S1	995.5	1018.5
N3B-2019-747	Inorganic	GELC	CAMO-19-165967	01/10/2019	R-33 S1	995.5	1018.5
N3B-2019-747	Inorganic	GELC	CAMO-19-165968	01/10/2019	R-33 S2	1112.4	1122.3
N3B-2019-747	Inorganic	GELC	CAMO-19-165969	01/10/2019	R-33 S2	1112.4	1122.3
N3B-2019-751	Inorganic	GELC	CAMO-19-165956	01/11/2019	MCOI-5	689.0	699.0
N3B-2019-751	Inorganic	GELC	CAMO-19-165957	01/11/2019	MCOI-5	689.0	699.0
N3B-2019-751	Inorganic	GELC	CAMO-19-165962	01/11/2019	R-15	958.6	1020.3
N3B-2019-751	Inorganic	GELC	CAMO-19-165963	01/11/2019	R-15	958.6	1020.3
N3B-2019-761	Inorganic	GELC	CAMO-19-165978	01/15/2019	R-45 S1	880.0	890.0
N3B-2019-761	Inorganic	GELC	CAMO-19-165979	01/15/2019	R-45 S1	880.0	890.0
N3B-2019-761	Inorganic	GELC	CAMO-19-166028	01/08/2019	R-45 S2	974.9	994.9
N3B-2019-761	Inorganic	GELC	CAMO-19-165981	01/15/2019	R-45 S2	974.9	994.9
N3B-2019-761	Inorganic	GELC	CAMO-19-165984	01/15/2019	R-50 S1	1077.0	1087.0
N3B-2019-761	Inorganic	GELC	CAMO-19-165985	01/15/2019	R-50 S1	1077.0	1087.0
N3B-2019-761	Inorganic	GELC	CAMO-19-165988	01/08/2019	R-50 S2	1185.0	1205.6
N3B-2019-761	Inorganic	GELC	CAMO-19-165987	01/15/2019	R-50 S2	1185.0	1205.6
N3B-2019-772	Inorganic	GELC	CASA-19-166010	01/16/2019	R-11	855.0	877.9
N3B-2019-772	Inorganic	GELC	CASA-19-166011	01/16/2019	R-11	855.0	877.9
N3B-2019-772	Inorganic	GELC	CASA-19-166013	01/16/2019	R-35a	1013.1	1062.2
N3B-2019-772	Inorganic	GELC	CASA-19-166014	01/16/2019	R-35a	1013.1	1062.2
N3B-2019-772	Inorganic	GELC	CASA-19-165997	01/16/2019	SCI-2	548.0	568.0
N3B-2019-772	Inorganic	GELC	CASA-19-166275	01/16/2019	SCI-2	548.0	568.0
N3B-2019-772	Rad	GELC	CASA-19-166275	01/16/2019	SCI-2	548.0	568.0
N3B-2019-773	Rad	ARSL	CASA-19-166011	01/16/2019	R-11	855.0	877.9
N3B-2019-773	Rad	ARSL	CASA-19-166014	01/16/2019	R-35a	1013.1	1062.2
N3B-2019-773	Rad	ARSL	CAMO-19-165979	01/15/2019	R-45 S1	880.0	890.0
N3B-2019-773	Rad	ARSL	CAMO-19-166028	01/08/2019	R-45 S2	974.9	994.9
N3B-2019-773	Rad	ARSL	CAMO-19-165985	01/15/2019	R-50 S1	1077.0	1087.0
N3B-2019-773	Rad	ARSL	CAMO-19-165988	01/08/2019	R-50 S2	1185.0	1205.6
N3B-2019-773	Rad	ARSL	CAMO-19-165991	01/08/2019	R-61 S1	1125.0	1135.0
N3B-2019-773	Rad	ARSL	CAMO-19-165993	01/08/2019	R-61 S1	1125.0	1135.0
N3B-2019-783	Inorganic	GELC	CASA-19-166016	01/17/2019	R-35b	825.4	848.5
N3B-2019-783	Inorganic	GELC	CASA-19-166017	01/17/2019	R-35b	825.4	848.5

Chain of Custody #	Parameter Category	Lab ID	Field Sample ID	Sample Date	Location ID	Screen Start (Top) Depth (ft)	Screen End (Bottom) Depth (ft)
N3B-2019-783	Inorganic	GELC	CAMO-19-165994	01/17/2019	SIMR-2	885.0	905.4
N3B-2019-783	Inorganic	GELC	CAMO-19-165995	01/17/2019	SIMR-2	885.0	905.4
N3B-2019-786	Inorganic	GELC	CASA-19-165999	01/18/2019	R-36	766.9	789.9
N3B-2019-786	Inorganic	GELC	CASA-19-166000	01/18/2019	R-36	766.9	789.9
N3B-2019-786	Inorganic	GELC	CASA-19-166001	01/18/2019	R-43 S1	903.9	924.6
N3B-2019-786	Inorganic	GELC	CASA-19-166002	01/18/2019	R-43 S1	903.9	924.6
N3B-2019-792	Inorganic	GELC	CASA-19-166003	01/22/2019	R-43 S2	969.1	979.1
N3B-2019-792	Inorganic	GELC	CASA-19-166004	01/22/2019	R-43 S2	969.1	979.1
N3B-2019-792	Inorganic	GELC	CAMO-19-165972	01/22/2019	R-44 S1	895.0	905.0
N3B-2019-792	Inorganic	GELC	CAMO-19-165973	01/22/2019	R-44 S1	895.0	905.0
N3B-2019-792	Inorganic	GELC	CAMO-19-165975	01/22/2019	R-44 S2	985.3	995.2
N3B-2019-792	Inorganic	GELC	CAMO-19-165976	01/22/2019	R-44 S2	985.3	995.2
N3B-2019-806	Inorganic	GELC	CAMO-19-165970	01/23/2019	R-62	1158.4	1179.1
N3B-2019-806	Inorganic	GELC	CAMO-19-165971	01/23/2019	R-62	1158.4	1179.1
N3B-2019-836	Rad	ARSL	CASA-19-166017	01/17/2019	R-35b	825.4	848.5
N3B-2019-836	Rad	ARSL	CAMO-19-165973	01/22/2019	R-44 S1	895.0	905.0
N3B-2019-836	Rad	ARSL	CAMO-19-165976	01/22/2019	R-44 S2	985.3	995.2
N3B-2019-836	Rad	ARSL	CAMO-19-165995	01/17/2019	SIMR-2	885.0	905.4
N3B-2020-275	Inorganic	GELC	CASA-20-189224	11/05/2019	R-43 S2	969.1	979.1
N3B-2020-275	Inorganic	GELC	CASA-20-189225	11/05/2019	R-43 S2	969.1	979.1
N3B-2020-275	Inorganic	GELC	CASA-20-189234	11/05/2019	R-67	1242.6	1263.0
N3B-2020-275	Inorganic	GELC	CASA-20-189235	11/05/2019	R-67	1242.6	1263.0
N3B-2020-275	Organic	GELC	CASA-20-189225	11/05/2019	R-43 S2	969.1	979.1
N3B-2020-275	Organic	GELC	CASA-20-189235	11/05/2019	R-67	1242.6	1263.0
N3B-2020-275	Rad	GELC	CASA-20-189225	11/05/2019	R-43 S2	969.1	979.1
N3B-2020-275	Rad	GELC	CASA-20-189235	11/05/2019	R-67	1242.6	1263.0
N3B-2020-278	Organic	SwRI[d]	CASA-20-189225	11/05/2019	R-43 S2	969.1	979.1
N3B-2020-278	Organic	SwRI	CASA-20-189235	11/05/2019	R-67	1242.6	1263.0
N3B-2020-281	Organic	SwRI	CAMO-20-189157	11/06/2019	R-33 S1	995.5	1018.5
N3B-2020-281	Organic	SwRI	CAMO-20-189160	11/06/2019	R-33 S2	1112.4	1122.3
N3B-2020-281	Organic	SwRI	CASA-20-189217	11/06/2019	R-36	766.9	789.9
N3B-2020-285	Inorganic	GELC	CAMO-20-189156	11/06/2019	R-33 S1	995.5	1018.5
N3B-2020-285	Inorganic	GELC	CAMO-20-189157	11/06/2019	R-33 S1	995.5	1018.5
N3B-2020-285	Inorganic	GELC	CAMO-20-189159	11/06/2019	R-33 S2	1112.4	1122.3
N3B-2020-285	Inorganic	GELC	CAMO-20-189160	11/06/2019	R-33 S2	1112.4	1122.3
N3B-2020-285	Inorganic	GELC	CASA-20-189216	11/06/2019	R-36	766.9	789.9
N3B-2020-285	Inorganic	GELC	CASA-20-189217	11/06/2019	R-36	766.9	789.9

Chain of Custody #	Parameter Category	Lab ID	Field Sample ID	Sample Date	Location ID	Screen Start (Top) Depth (ft)	Screen End (Bottom) Depth (ft)
N3B-2020-285	Organic	GELC	CAMO-20-189157	11/06/2019	R-33 S1	995.5	1018.5
N3B-2020-285	Organic	GELC	CAMO-20-189160	11/06/2019	R-33 S2	1112.4	1122.3
N3B-2020-285	Organic	GELC	CASA-20-189217	11/06/2019	R-36	766.9	789.9
N3B-2020-285	Rad	GELC	CAMO-20-189157	11/06/2019	R-33 S1	995.5	1018.5
N3B-2020-285	Rad	GELC	CAMO-20-189160	11/06/2019	R-33 S2	1112.4	1122.3
N3B-2020-285	Rad	GELC	CASA-20-189217	11/06/2019	R-36	766.9	789.9
N3B-2020-295	Inorganic	GELC	CAMO-20-189137	11/08/2019	R-1	1031.1	1057.4
N3B-2020-295	Inorganic	GELC	CAMO-20-189351	11/08/2019	R-1	1031.1	1057.4
N3B-2020-295	Inorganic	GELC	CAMO-20-189149	11/08/2019	R-13	958.3	1018.7
N3B-2020-295	Inorganic	GELC	CAMO-20-189150	11/08/2019	R-13	958.3	1018.7
N3B-2020-295	Inorganic	GELC	CAMO-20-189152	11/08/2019	R-15	958.6	1020.3
N3B-2020-295	Inorganic	GELC	CAMO-20-189153	11/08/2019	R-15	958.6	1020.3
N3B-2020-295	Organic	GELC	CAMO-20-189351	11/08/2019	R-1	1031.1	1057.4
N3B-2020-295	Organic	GELC	CAMO-20-189150	11/08/2019	R-13	958.3	1018.7
N3B-2020-295	Organic	GELC	CAMO-20-189153	11/08/2019	R-15	958.6	1020.3
N3B-2020-295	Rad	GELC	CAMO-20-189351	11/08/2019	R-1	1031.1	1057.4
N3B-2020-295	Rad	GELC	CAMO-20-189150	11/08/2019	R-13	958.3	1018.7
N3B-2020-295	Rad	GELC	CAMO-20-189153	11/08/2019	R-15	958.6	1020.3
N3B-2020-298	Organic	SwRI	CAMO-20-189351	11/08/2019	R-1	1031.1	1057.4
N3B-2020-298	Organic	SwRI	CAMO-20-189150	11/08/2019	R-13	958.3	1018.7
N3B-2020-298	Organic	SwRI	CAMO-20-189153	11/08/2019	R-15	958.6	1020.3
N3B-2020-303	Organic	SwRI	CAMO-20-189183	11/12/2019	R-62	1158.4	1179.1
N3B-2020-305	Inorganic	GELC	CAMO-20-189182	11/12/2019	R-62	1158.4	1179.1
N3B-2020-305	Inorganic	GELC	CAMO-20-189183	11/12/2019	R-62	1158.4	1179.1
N3B-2020-305	Organic	GELC	CAMO-20-189183	11/12/2019	R-62	1158.4	1179.1
N3B-2020-305	Rad	GELC	CAMO-20-189183	11/12/2019	R-62	1158.4	1179.1
N3B-2020-338	Inorganic	GELC	CAMO-20-189132	11/13/2019	MCOI-5	689.0	699.0
N3B-2020-338	Inorganic	GELC	CAMO-20-189197	11/13/2019	SIMR-2	885.0	905.4
N3B-2020-338	Inorganic	GELC	CAMO-20-189198	11/13/2019	SIMR-2	885.0	905.4
N3B-2020-338	Organic	GELC	CAMO-20-189132	11/13/2019	MCOI-5	689.0	699.0
N3B-2020-338	Organic	GELC	CAMO-20-189198	11/13/2019	SIMR-2	885.0	905.4
N3B-2020-338	Rad	GELC	CAMO-20-189198	11/13/2019	SIMR-2	885.0	905.4
N3B-2020-344	Organic	SwRI	CAMO-20-189198	11/13/2019	SIMR-2	885.0	905.4
N3B-2020-354	Inorganic	GELC	CAMO-20-189134	11/14/2019	MCOI-6	686.0	709.0
N3B-2020-354	Inorganic	GELC	CAMO-20-189135	11/14/2019	MCOI-6	686.0	709.0
N3B-2020-354	Inorganic	GELC	CASA-20-189219	11/14/2019	R-43 S1	903.9	924.6
N3B-2020-354	Inorganic	GELC	CASA-20-189220	11/14/2019	R-43 S1	903.9	924.6

Chain of Custody #	Parameter Category	Lab ID	Field Sample ID	Sample Date	Location ID	Screen Start (Top) Depth (ft)	Screen End (Bottom) Depth (ft)
N3B-2020-354	Inorganic	GELC	CASA-20-189221	11/14/2019	R-43 S1	903.9	924.6
N3B-2020-354	Inorganic	GELC	CASA-20-189222	11/14/2019	R-43 S1	903.9	924.6
N3B-2020-354	Organic	GELC	CAMO-20-189135	11/14/2019	MCOI-6	686.0	709.0
N3B-2020-354	Organic	GELC	CASA-20-189220	11/14/2019	R-43 S1	903.9	924.6
N3B-2020-354	Organic	GELC	CASA-20-189222	11/14/2019	R-43 S1	903.9	924.6
N3B-2020-354	Rad	GELC	CAMO-20-189135	11/14/2019	MCOI-6	686.0	709.0
N3B-2020-354	Rad	GELC	CASA-20-189220	11/14/2019	R-43 S1	903.9	924.6
N3B-2020-354	Rad	GELC	CASA-20-189222	11/14/2019	R-43 S1	903.9	924.6
N3B-2020-356	Organic	SwRI	CAMO-20-189135	11/14/2019	MCOI-6	686.0	709.0
N3B-2020-356	Organic	SwRI	CASA-20-189220	11/14/2019	R-43 S1	903.9	924.6
N3B-2020-356	Organic	SwRI	CASA-20-189222	11/14/2019	R-43 S1	903.9	924.6
N3B-2020-366	Organic	SwRI	CASA-20-189201	11/15/2019	SCI-1	358.4	377.9
N3B-2020-366	Organic	SwRI	CASA-20-189204	11/15/2019	SCI-2	548.0	568.0
N3B-2020-367	Inorganic	GELC	CASA-20-189200	11/15/2019	SCI-1	358.4	377.9
N3B-2020-367	Inorganic	GELC	CASA-20-189201	11/15/2019	SCI-1	358.4	377.9
N3B-2020-367	Inorganic	GELC	CASA-20-189203	11/15/2019	SCI-2	548.0	568.0
N3B-2020-367	Inorganic	GELC	CASA-20-189204	11/15/2019	SCI-2	548.0	568.0
N3B-2020-367	Organic	GELC	CASA-20-189201	11/15/2019	SCI-1	358.4	377.9
N3B-2020-367	Organic	GELC	CASA-20-189204	11/15/2019	SCI-2	548.0	568.0
N3B-2020-367	Rad	GELC	CASA-20-189201	11/15/2019	SCI-1	358.4	377.9
N3B-2020-367	Rad	GELC	CASA-20-189204	11/15/2019	SCI-2	548.0	568.0
N3B-2020-372	Inorganic	GELC	CASA-20-189207	11/18/2019	R-11	855.0	877.9
N3B-2020-372	Inorganic	GELC	CASA-20-189208	11/18/2019	R-11	855.0	877.9
N3B-2020-372	Inorganic	GELC	CASA-20-189210	11/18/2019	R-35a	1013.1	1062.2
N3B-2020-372	Inorganic	GELC	CASA-20-189211	11/18/2019	R-35a	1013.1	1062.2
N3B-2020-372	Inorganic	GELC	CASA-20-189213	11/18/2019	R-35b	825.4	848.5
N3B-2020-372	Inorganic	GELC	CASA-20-189214	11/18/2019	R-35b	825.4	848.5
N3B-2020-372	Organic	GELC	CASA-20-189208	11/18/2019	R-11	855.0	877.9
N3B-2020-372	Organic	GELC	CASA-20-189211	11/18/2019	R-35a	1013.1	1062.2
N3B-2020-372	Organic	GELC	CASA-20-189214	11/18/2019	R-35b	825.4	848.5
N3B-2020-372	Rad	GELC	CASA-20-189208	11/18/2019	R-11	855.0	877.9
N3B-2020-372	Rad	GELC	CASA-20-189211	11/18/2019	R-35a	1013.1	1062.2
N3B-2020-372	Rad	GELC	CASA-20-189214	11/18/2019	R-35b	825.4	848.5
N3B-2020-377	Organic	SwRI	CASA-20-189208	11/18/2019	R-11	855.0	877.9
N3B-2020-377	Organic	SwRI	CASA-20-189211	11/18/2019	R-35a	1013.1	1062.2
N3B-2020-377	Organic	SwRI	CASA-20-189214	11/18/2019	R-35b	825.4	848.5
N3B-2020-384	Organic	SwRI	CAMO-20-189169	11/19/2019	R-45 S1	880.0	890.0

Chain of Custody #	Parameter Category	Lab ID	Field Sample ID	Sample Date	Location ID	Screen Start (Top) Depth (ft)	Screen End (Bottom) Depth (ft)
N3B-2020-384	Organic	SwRI	CAMO-20-189172	11/19/2019	R-45 S2	974.9	994.9
N3B-2020-384	Organic	SwRI	CAMO-20-189175	11/19/2019	R-50 S1	1077.0	1087.0
N3B-2020-384	Organic	SwRI	CAMO-20-189178	11/19/2019	R-50 S2	1185.0	1205.6
N3B-2020-388	Inorganic	GELC	CAMO-20-189168	11/19/2019	R-45 S1	880.0	890.0
N3B-2020-388	Inorganic	GELC	CAMO-20-189169	11/19/2019	R-45 S1	880.0	890.0
N3B-2020-388	Inorganic	GELC	CAMO-20-189171	11/19/2019	R-45 S2	974.9	994.9
N3B-2020-388	Inorganic	GELC	CAMO-20-189172	11/19/2019	R-45 S2	974.9	994.9
N3B-2020-388	Inorganic	GELC	CAMO-20-189174	11/19/2019	R-50 S1	1077.0	1087.0
N3B-2020-388	Inorganic	GELC	CAMO-20-189175	11/19/2019	R-50 S1	1077.0	1087.0
N3B-2020-388	Inorganic	GELC	CAMO-20-189177	11/19/2019	R-50 S2	1185.0	1205.6
N3B-2020-388	Inorganic	GELC	CAMO-20-189178	11/19/2019	R-50 S2	1185.0	1205.6
N3B-2020-388	Organic	GELC	CAMO-20-189169	11/19/2019	R-45 S1	880.0	890.0
N3B-2020-388	Organic	GELC	CAMO-20-189172	11/19/2019	R-45 S2	974.9	994.9
N3B-2020-388	Organic	GELC	CAMO-20-189175	11/19/2019	R-50 S1	1077.0	1087.0
N3B-2020-388	Organic	GELC	CAMO-20-189178	11/19/2019	R-50 S2	1185.0	1205.6
N3B-2020-388	Rad	GELC	CAMO-20-189169	11/19/2019	R-45 S1	880.0	890.0
N3B-2020-388	Rad	GELC	CAMO-20-189172	11/19/2019	R-45 S2	974.9	994.9
N3B-2020-388	Rad	GELC	CAMO-20-189175	11/19/2019	R-50 S1	1077.0	1087.0
N3B-2020-388	Rad	GELC	CAMO-20-189178	11/19/2019	R-50 S2	1185.0	1205.6
N3B-2020-401	Organic	SwRI	CAMO-20-189163	11/20/2019	R-44 S1	895.0	905.0
N3B-2020-401	Organic	SwRI	CAMO-20-189166	11/20/2019	R-44 S2	985.3	995.2
N3B-2020-401	Organic	SwRI	CAMO-20-189181	11/20/2019	R-61 S1	1125.0	1135.0
N3B-2020-404	Inorganic	GELC	CAMO-20-189162	11/20/2019	R-44 S1	895.0	905.0
N3B-2020-404	Inorganic	GELC	CAMO-20-189163	11/20/2019	R-44 S1	895.0	905.0
N3B-2020-404	Inorganic	GELC	CAMO-20-189165	11/20/2019	R-44 S2	985.3	995.2
N3B-2020-404	Inorganic	GELC	CAMO-20-189166	11/20/2019	R-44 S2	985.3	995.2
N3B-2020-404	Inorganic	GELC	CAMO-20-189180	11/20/2019	R-61 S1	1125.0	1135.0
N3B-2020-404	Inorganic	GELC	CAMO-20-189181	11/20/2019	R-61 S1	1125.0	1135.0
N3B-2020-404	Organic	GELC	CAMO-20-189163	11/20/2019	R-44 S1	895.0	905.0
N3B-2020-404	Organic	GELC	CAMO-20-189166	11/20/2019	R-44 S2	985.3	995.2
N3B-2020-404	Organic	GELC	CAMO-20-189181	11/20/2019	R-61 S1	1125.0	1135.0
N3B-2020-404	Rad	GELC	CAMO-20-189163	11/20/2019	R-44 S1	895.0	905.0
N3B-2020-404	Rad	GELC	CAMO-20-189166	11/20/2019	R-44 S2	985.3	995.2
N3B-2019-1131	Inorganic	GELC	CAMO-19-167702	03/14/2019	R-45 S1	880.0	890.0
N3B-2019-1131	Inorganic	GELC	CAMO-19-167703	03/14/2019	R-45 S1	880.0	890.0
N3B-2019-1131	Inorganic	GELC	CAMO-19-167705	03/14/2019	R-45 S2	974.9	994.9
N3B-2019-1131	Inorganic	GELC	CAMO-19-167706	03/14/2019	R-45 S2	974.9	994.9

Chain of Custody #	Parameter Category	Lab ID	Field Sample ID	Sample Date	Location ID	Screen Start (Top) Depth (ft)	Screen End (Bottom) Depth (ft)
N3B-2019-1131	Inorganic	GELC	CAMO-19-167708	03/14/2019	R-50 S1	1077.0	1087.0
N3B-2019-1131	Inorganic	GELC	CAMO-19-167709	03/14/2019	R-50 S1	1077.0	1087.0
N3B-2019-1131	Inorganic	GELC	CAMO-19-167711	03/14/2019	R-50 S2	1185.0	1205.6
N3B-2019-1131	Inorganic	GELC	CAMO-19-167712	03/14/2019	R-50 S2	1185.0	1205.6
N3B-2019-1209	Inorganic	GELC	CASA-19-167688	03/20/2019	R-35a	1013.1	1062.2
N3B-2019-1209	Inorganic	GELC	CASA-19-167689	03/20/2019	R-35a	1013.1	1062.2
N3B-2019-1209	Inorganic	GELC	CASA-19-167691	03/20/2019	R-35a	1013.1	1062.2
N3B-2019-1209	Inorganic	GELC	CASA-19-167692	03/20/2019	R-35a	1013.1	1062.2
N3B-2019-1209	Inorganic	GELC	CASA-19-167693	03/20/2019	R-35b	825.4	848.5
N3B-2019-1209	Inorganic	GELC	CASA-19-167694	03/20/2019	R-35b	825.4	848.5
N3B-2019-1209	Inorganic	GELC	CAMO-19-167696	03/20/2019	R-44 S1	895.0	905.0
N3B-2019-1209	Inorganic	GELC	CAMO-19-167697	03/20/2019	R-44 S1	895.0	905.0
N3B-2019-1209	Inorganic	GELC	CAMO-19-167699	03/20/2019	R-44 S2	985.3	995.2
N3B-2019-1209	Inorganic	GELC	CAMO-19-167700	03/20/2019	R-44 S2	985.3	995.2
N3B-2019-1230	Inorganic	GELC	CASA-19-167685	03/21/2019	R-11	855.0	877.9
N3B-2019-1230	Inorganic	GELC	CASA-19-167686	03/21/2019	R-11	855.0	877.9
N3B-2019-1230	Inorganic	GELC	CAMO-19-167716	03/21/2019	SIMR-2	885.0	905.4
N3B-2019-1230	Inorganic	GELC	CAMO-19-167717	03/21/2019	SIMR-2	885.0	905.4
N3B-2019-1235	Inorganic	GELC	CAMO-19-167714	03/22/2019	R-61 S1	1125.0	1135.0
N3B-2019-1235	Inorganic	GELC	CAMO-19-167715	03/22/2019	R-61 S1	1125.0	1135.0
N3B-2019-1398	Inorganic	GELC	CASA-19-174802	04/16/2019	R-35a	1013.1	1062.2
N3B-2019-1398	Inorganic	GELC	CASA-19-174803	04/16/2019	R-35a	1013.1	1062.2
N3B-2019-1412	Inorganic	GELC	CASA-19-174795	04/17/2019	R-11	855.0	877.9
N3B-2019-1412	Inorganic	GELC	CASA-19-174796	04/17/2019	R-11	855.0	877.9
N3B-2019-1412	Inorganic	GELC	CASA-19-174799	04/17/2019	R-11	855.0	877.9
N3B-2019-1412	Inorganic	GELC	CASA-19-174800	04/17/2019	R-11	855.0	877.9
N3B-2019-1412	Inorganic	GELC	CASA-19-174809	04/17/2019	R-35b	825.4	848.5
N3B-2019-1412	Inorganic	GELC	CASA-19-174810	04/17/2019	R-35b	825.4	848.5
N3B-2019-1436	Inorganic	GELC	CAMO-19-174833	04/19/2019	R-61 S1	1125.0	1135.0
N3B-2019-1436	Inorganic	GELC	CAMO-19-174834	04/19/2019	R-61 S1	1125.0	1135.0
N3B-2019-1441	Inorganic	GELC	CAMO-19-174830	04/22/2019	R-50 S2	1185.0	1205.6
N3B-2019-1441	Inorganic	GELC	CAMO-19-174831	04/22/2019	R-50 S2	1185.0	1205.6
N3B-2019-1632	Inorganic	GELC	CAMO-19-174821	04/26/2019	R-45 S1	880.0	890.0
N3B-2019-1632	Inorganic	GELC	CAMO-19-174822	04/26/2019	R-45 S1	880.0	890.0
N3B-2019-1632	Inorganic	GELC	CAMO-19-174824	04/26/2019	R-45 S2	974.9	994.9
N3B-2019-1632	Inorganic	GELC	CAMO-19-174825	04/26/2019	R-45 S2	974.9	994.9
N3B-2019-1636	Inorganic	GELC	CAMO-19-174827	04/29/2019	R-50 S1	1077.0	1087.0

Chain of Custody #	Parameter Category	Lab ID	Field Sample ID	Sample Date	Location ID	Screen Start (Top) Depth (ft)	Screen End (Bottom) Depth (ft)
N3B-2019-1636	Inorganic	GELC	CAMO-19-174828	04/29/2019	R-50 S1	1077.0	1087.0
N3B-2019-1636	Inorganic	GELC	CAMO-19-174835	04/29/2019	SIMR-2	885.0	905.4
N3B-2019-1636	Inorganic	GELC	CAMO-19-174836	04/29/2019	SIMR-2	885.0	905.4
N3B-2019-1640	Inorganic	GELC	CAMO-19-174812	04/30/2019	R-44 S1	895.0	905.0
N3B-2019-1640	Inorganic	GELC	CAMO-19-174813	04/30/2019	R-44 S1	895.0	905.0
N3B-2019-1640	Inorganic	GELC	CAMO-19-174815	04/30/2019	R-44 S1	895.0	905.0
N3B-2019-1640	Inorganic	GELC	CAMO-19-174816	04/30/2019	R-44 S1	895.0	905.0
N3B-2019-1640	Inorganic	GELC	CAMO-19-174818	04/30/2019	R-44 S2	985.3	995.2
N3B-2019-1640	Inorganic	GELC	CAMO-19-174819	04/30/2019	R-44 S2	985.3	995.2
N3B-2019-2144	Inorganic	GELC	CAMO-19-181697	06/06/2019	R-61 S1	1125.0	1135.0
N3B-2019-2144	Inorganic	GELC	CAMO-19-181698	06/06/2019	R-61 S1	1125.0	1135.0
N3B-2019-2165	Inorganic	GELC	CASA-19-181664	06/10/2019	R-35a	1013.1	1062.2
N3B-2019-2165	Inorganic	GELC	CASA-19-181665	06/10/2019	R-35a	1013.1	1062.2
N3B-2019-2165	Inorganic	GELC	CASA-19-181669	06/10/2019	R-35a	1013.1	1062.2
N3B-2019-2165	Inorganic	GELC	CASA-19-181670	06/10/2019	R-35a	1013.1	1062.2
N3B-2019-2165	Inorganic	GELC	CAMO-19-181694	06/11/2019	R-50 S2	1185.0	1205.6
N3B-2019-2165	Inorganic	GELC	CAMO-19-181695	06/11/2019	R-50 S2	1185.0	1205.6
N3B-2019-2184	Inorganic	GELC	CAMO-19-181699	06/12/2019	SIMR-2	885.0	905.4
N3B-2019-2184	Inorganic	GELC	CAMO-19-181700	06/12/2019	SIMR-2	885.0	905.4
N3B-2019-2198	Inorganic	GELC	CASA-19-181661	06/14/2019	R-11	855.0	877.9
N3B-2019-2198	Inorganic	GELC	CASA-19-181662	06/14/2019	R-11	855.0	877.9
N3B-2019-2198	Inorganic	GELC	CASA-19-181672	06/14/2019	R-35b	825.4	848.5
N3B-2019-2198	Inorganic	GELC	CASA-19-181673	06/14/2019	R-35b	825.4	848.5
N3B-2019-2198	Inorganic	GELC	CAMO-19-181681	06/13/2019	R-45 S1	880.0	890.0
N3B-2019-2198	Inorganic	GELC	CAMO-19-181682	06/13/2019	R-45 S1	880.0	890.0
N3B-2019-2198	Inorganic	GELC	CAMO-19-181684	06/13/2019	R-45 S1	880.0	890.0
N3B-2019-2198	Inorganic	GELC	CAMO-19-181685	06/13/2019	R-45 S1	880.0	890.0
N3B-2019-2198	Inorganic	GELC	CAMO-19-181688	06/13/2019	R-45 S2	974.9	994.9
N3B-2019-2198	Inorganic	GELC	CAMO-19-181689	06/13/2019	R-45 S2	974.9	994.9
N3B-2019-2213	Inorganic	GELC	CAMO-19-181691	06/17/2019	R-50 S1	1077.0	1087.0
N3B-2019-2213	Inorganic	GELC	CAMO-19-181692	06/17/2019	R-50 S1	1077.0	1087.0
N3B-2019-2228	Inorganic	GELC	CAMO-19-181675	06/18/2019	R-44 S1	895.0	905.0
N3B-2019-2228	Inorganic	GELC	CAMO-19-181676	06/18/2019	R-44 S1	895.0	905.0
N3B-2019-2228	Inorganic	GELC	CAMO-19-181678	06/18/2019	R-44 S2	985.3	995.2
N3B-2019-2228	Inorganic	GELC	CAMO-19-181679	06/18/2019	R-44 S2	985.3	995.2
N3B-2019-2981	Inorganic	GELC	CASA-19-184712	08/13/2019	R-35a	1013.1	1062.2
N3B-2019-2981	Inorganic	GELC	CASA-19-184713	08/13/2019	R-35a	1013.1	1062.2

Chain of Custody #	Parameter Category	Lab ID	Field Sample ID	Sample Date	Location ID	Screen Start (Top) Depth (ft)	Screen End (Bottom) Depth (ft)
N3B-2019-3009	Inorganic	GELC	CASA-19-184709	08/14/2019	R-11	855.0	877.9
N3B-2019-3009	Inorganic	GELC	CASA-19-184710	08/14/2019	R-11	855.0	877.9
N3B-2019-3009	Inorganic	GELC	CASA-19-184715	08/14/2019	R-35b	825.4	848.5
N3B-2019-3009	Inorganic	GELC	CASA-19-184716	08/14/2019	R-35b	825.4	848.5
N3B-2019-3009	Inorganic	GELC	CASA-19-184718	08/14/2019	R-35b	825.4	848.5
N3B-2019-3009	Inorganic	GELC	CASA-19-184719	08/14/2019	R-35b	825.4	848.5
N3B-2019-3023	Inorganic	GELC	CAMO-19-184743	08/15/2019	R-61 S1	1125.0	1135.0
N3B-2019-3023	Inorganic	GELC	CAMO-19-184744	08/15/2019	R-61 S1	1125.0	1135.0
N3B-2019-3056	Inorganic	GELC	CAMO-19-184740	08/20/2019	R-50 S2	1185.0	1205.6
N3B-2019-3056	Inorganic	GELC	CAMO-19-184741	08/20/2019	R-50 S2	1185.0	1205.6
N3B-2019-3087	Inorganic	GELC	CAMO-19-184745	08/21/2019	SIMR-2	885.0	905.4
N3B-2019-3087	Inorganic	GELC	CAMO-19-184746	08/21/2019	SIMR-2	885.0	905.4
N3B-2019-3104	Inorganic	GELC	CAMO-19-184737	08/22/2019	R-50 S1	1077.0	1087.0
N3B-2019-3104	Inorganic	GELC	CAMO-19-184738	08/22/2019	R-50 S1	1077.0	1087.0
N3B-2019-3111	Inorganic	GELC	CAMO-19-184728	08/23/2019	R-45 S1	880.0	890.0
N3B-2019-3111	Inorganic	GELC	CAMO-19-184729	08/23/2019	R-45 S1	880.0	890.0
N3B-2019-3111	Inorganic	GELC	CAMO-19-184731	08/23/2019	R-45 S2	974.9	994.9
N3B-2019-3111	Inorganic	GELC	CAMO-19-184732	08/23/2019	R-45 S2	974.9	994.9
N3B-2019-3111	Inorganic	GELC	CAMO-19-184734	08/23/2019	R-45 S2	974.9	994.9
N3B-2019-3111	Inorganic	GELC	CAMO-19-184735	08/23/2019	R-45 S2	974.9	994.9
N3B-2019-3165	Inorganic	GELC	CAMO-19-184722	08/27/2019	R-44 S1	895.0	905.0
N3B-2019-3165	Inorganic	GELC	CAMO-19-184723	08/27/2019	R-44 S1	895.0	905.0
N3B-2019-3165	Inorganic	GELC	CAMO-19-184725	08/27/2019	R-44 S2	985.3	995.2
N3B-2019-3165	Inorganic	GELC	CAMO-19-184726	08/27/2019	R-44 S2	985.3	995.2
N3B-2019-3285	Inorganic	GELC	CAMO-19-186510	09/12/2019	R-44 S1	895.0	905.0
N3B-2019-3285	Inorganic	GELC	CAMO-19-186511	09/12/2019	R-44 S1	895.0	905.0
N3B-2019-3285	Inorganic	GELC	CAMO-19-186517	09/12/2019	R-44 S2	985.3	995.2
N3B-2019-3285	Inorganic	GELC	CAMO-19-186518	09/12/2019	R-44 S2	985.3	995.2
N3B-2019-3294	Inorganic	GELC	CASA-19-186478	09/16/2019	R-11	855.0	877.9
N3B-2019-3294	Inorganic	GELC	CASA-19-186479	09/16/2019	R-11	855.0	877.9
N3B-2019-3294	Inorganic	GELC	CASA-19-186486	09/16/2019	R-11	855.0	877.9
N3B-2019-3294	Inorganic	GELC	CASA-19-186487	09/16/2019	R-11	855.0	877.9
N3B-2019-3294	Inorganic	GELC	CASA-19-186507	09/16/2019	R-35b	825.4	848.5
N3B-2019-3294	Inorganic	GELC	CASA-19-186508	09/16/2019	R-35b	825.4	848.5
N3B-2019-3420	Inorganic	GELC	CAMO-19-186539	09/19/2019	R-50 S2	1185.0	1205.6
N3B-2019-3420	Inorganic	GELC	CAMO-19-186540	09/19/2019	R-50 S2	1185.0	1205.6
N3B-2019-3451	Inorganic	GELC	CAMO-19-186529	09/20/2019	R-50 S1	1077.0	1087.0

Chain of Custody #	Parameter Category	Lab ID	Field Sample ID	Sample Date	Location ID	Screen Start (Top) Depth (ft)	Screen End (Bottom) Depth (ft)
N3B-2019-3451	Inorganic	GELC	CAMO-19-186530	09/20/2019	R-50 S1	1077.0	1087.0
N3B-2019-3451	Inorganic	GELC	CAMO-19-186533	09/20/2019	R-50 S1	1077.0	1087.0
N3B-2019-3451	Inorganic	GELC	CAMO-19-186534	09/20/2019	R-50 S1	1077.0	1087.0
N3B-2019-3492	Inorganic	GELC	CAMO-19-186542	09/23/2019	R-61 S1	1125.0	1135.0
N3B-2019-3492	Inorganic	GELC	CAMO-19-186543	09/23/2019	R-61 S1	1125.0	1135.0
N3B-2019-3518	Inorganic	GELC	CAMO-19-186544	09/24/2019	SIMR-2	885.0	905.4
N3B-2019-3518	Inorganic	GELC	CAMO-19-186545	09/24/2019	SIMR-2	885.0	905.4
N3B-2019-3549	Inorganic	GELC	CASA-19-186489	09/25/2019	R-35a	1013.1	1062.2
N3B-2019-3549	Inorganic	GELC	CASA-19-186490	09/25/2019	R-35a	1013.1	1062.2
N3B-2019-3594	Inorganic	GELC	CAMO-19-186520	09/26/2019	R-45 S1	880.0	890.0
N3B-2019-3594	Inorganic	GELC	CAMO-19-186521	09/26/2019	R-45 S1	880.0	890.0
N3B-2019-3594	Inorganic	GELC	CAMO-19-186526	09/26/2019	R-45 S2	974.9	994.9
N3B-2019-3594	Inorganic	GELC	CAMO-19-186527	09/26/2019	R-45 S2	974.9	994.9
N3B-2019-896	Inorganic	GELC	CAMO-19-166449	02/11/2019	R-44 S1	895.0	905.0
N3B-2019-896	Inorganic	GELC	CAMO-19-166450	02/11/2019	R-44 S1	895.0	905.0
N3B-2019-896	Inorganic	GELC	CAMO-19-166452	02/11/2019	R-44 S2	985.3	995.2
N3B-2019-896	Inorganic	GELC	CAMO-19-166453	02/11/2019	R-44 S2	985.3	995.2
N3B-2019-902	Inorganic	GELC	CAMO-19-166455	02/12/2019	R-45 S1	880.0	890.0
N3B-2019-902	Inorganic	GELC	CAMO-19-166456	02/12/2019	R-45 S1	880.0	890.0
N3B-2019-902	Inorganic	GELC	CAMO-19-166458	02/12/2019	R-45 S2	974.9	994.9
N3B-2019-902	Inorganic	GELC	CAMO-19-166459	02/12/2019	R-45 S2	974.9	994.9
N3B-2019-930	Inorganic	GELC	CASA-19-166431	02/14/2019	R-11	855.0	877.9
N3B-2019-930	Inorganic	GELC	CASA-19-166432	02/14/2019	R-11	855.0	877.9
N3B-2019-930	Inorganic	GELC	CAMO-19-166469	02/14/2019	SIMR-2	885.0	905.4
N3B-2019-930	Inorganic	GELC	CAMO-19-166470	02/14/2019	SIMR-2	885.0	905.4
N3B-2019-933	Inorganic	GELC	CASA-19-166440	02/15/2019	R-35a	1013.1	1062.2
N3B-2019-933	Inorganic	GELC	CASA-19-166441	02/15/2019	R-35a	1013.1	1062.2
N3B-2019-940	Inorganic	GELC	CAMO-19-166461	02/20/2019	R-50 S1	1077.0	1087.0
N3B-2019-940	Inorganic	GELC	CAMO-19-166462	02/20/2019	R-50 S1	1077.0	1087.0
N3B-2019-940	Inorganic	GELC	CAMO-19-166464	02/20/2019	R-50 S2	1185.0	1205.6
N3B-2019-940	Inorganic	GELC	CAMO-19-166465	02/20/2019	R-50 S2	1185.0	1205.6
N3B-2019-947	Inorganic	GELC	CASA-19-166443	02/21/2019	R-35b	825.4	848.5
N3B-2019-947	Inorganic	GELC	CASA-19-166444	02/21/2019	R-35b	825.4	848.5
N3B-2019-947	Inorganic	GELC	CASA-19-166504	02/21/2019	R-35b	825.4	848.5
N3B-2019-947	Inorganic	GELC	CASA-19-166505	02/21/2019	R-35b	825.4	848.5
N3B-2019-947	Inorganic	GELC	CAMO-19-166467	02/21/2019	R-61 S1	1125.0	1135.0
N3B-2019-947	Inorganic	GELC	CAMO-19-166468	02/21/2019	R-61 S1	1125.0	1135.0

Chain of Custody #	Parameter Category	Lab ID	Field Sample ID	Sample Date	Location ID	Screen Start (Top) Depth (ft)	Screen End (Bottom) Depth (ft)
N3B-2020-282	Rad	ARSL	CAMO-20-189157	11/06/2019	R-33 S1	995.5	1018.5
N3B-2020-282	Rad	ARSL	CAMO-20-189160	11/06/2019	R-33 S2	1112.4	1122.3
N3B-2020-282	Rad	ARSL	CASA-20-189217	11/06/2019	R-36	766.9	789.9
N3B-2020-282	Rad	ARSL	CASA-20-189225	11/05/2019	R-43 S2	969.1	979.1
N3B-2020-282	Rad	ARSL	CASA-20-189235	11/05/2019	R-67	1242.6	1263.0

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

[b] Rad = Radiochemistry (not gamma).

[c] ARSL = American Radiation Services, Inc.

[d] SwRI = Southwest Research Institute.