Letter: EMID-700001
Cr PMR: EMID-700002

N3B Los Alamos

EM-LA

N3B – Los Alamos
600 6th Street
Los Alamos, New Mexico 87544
(303) 489-2471

RECEIVED
MAY 24 2018
NMED
Hazardous Waste Bureau

Environmental Management
P.O. Box 1663, MS M984
Los Alamos, New Mexico 87545
(505) 665-5658/FAX (505) 606-2132

Date: MAY 24 2018
Refer To: N3B-18-0114

John Kieling, Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
Santa Fe, NM 87505-6303

Subject: Annual Periodic Monitoring Reports for the Chromium Investigation, Material Disposal Area C, and Technical Area 54 Monitoring Groups

Dear Mr. Kieling:

Enclosed please find two hard copies with electronic files of the annual periodic monitoring reports for the Chromium Investigation, Material Disposal Area C, and Technical Area 54 monitoring groups for sampling campaigns performed during the second, third, and fourth quarters of monitoring year 2017 and the first quarter of monitoring year 2018.

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

If you have any questions, please contact Steve Veenis at (505) 309-1362 (steve.veenis@em-la.doe.gov) or Hai Shen at (505) 665-5046 (hai.shen@em.doe.gov).

Sincerely,

Joseph A. Legare
Program Manager
Environmental Remediation Program

Sincerely,

David S. Rhodes, Director
Office of Quality and Regulatory Compliance
Environmental Management
Los Alamos Field Office

JL/DR/SV

Enclosure(s): Two hard copies with electronic files

1. Annual Periodic Monitoring Report for the Chromium Investigation Monitoring Group (EM2018-0001)
2. Annual Periodic Monitoring Report for the Material Disposal Area C Monitoring Group (EM2018-0002)
3. Annual Periodic Monitoring Report for the Technical Area 54 Monitoring Group (EM2018-0003)

Cy: (letter with enclosure[s])
Steve Veenis, ER Program
Cheryl Rodriguez, DOE-EM-LA

Cy: (letter with electronic enclosure[s])
Laurie King, EPA Region 6, Dallas, TX
Raymond Martinez, San Ildefonso Pueblo, NM
Dino Chavarria, Santa Clara Pueblo, NM
Steve Yanicak, NMED-DOE-OB, LANL MS M894
emla.docs@em.doe.gov
N3B Records
Public Reading Room (EPRR)
PRS Database

Cy: (letter emailed without enclosure[s])
David Rhodes, DOE-EM-LA
David Nickless, DOE-EM-LA
Hai Shen, DOE-EM-LA
Nick Lombardo, N3B
Frazer Lockhart, N3B
Joe Legare, ER Program
Bruce Robinson, ER Program
Danny Katzman, ER Program
Scott Fenby, ER Program
Joe English, ER Program

May 2018
EM2018-0001

Annual Periodic Monitoring Report for the Chromium Investigation Monitoring Group

N3B Los Alamos

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

EM2018-0001

Annual Periodic Monitoring Report for the Chromium Investigation Monitoring Group

May 2018

Responsible program director:

Printed Name	Signature	Title	Organization	Date
Bruce Robinson		Program Director	Water Program	5/22/2018

Responsible N3B representative:

Printed Name	Signature	Title	Organization	Date
Joseph A. Legare		Program Manager	N3B Environmental Remediation Program	5/22/18

Responsible DOE-EM-LA representative:

Printed Name	Signature	Title	Organization	Date
David S. Rhodes		Office Director	Quality and Regulatory Compliance	5-23-2018

EXECUTIVE SUMMARY

This annual periodic monitoring report (PMR) presents results for the Chromium Investigation monitoring group of the Newport News Nuclear BWXT – Los Alamos, LLC (N3B) groundwater monitoring program that have not been previously reported. All monitoring work reported in this PMR was conducted pursuant to the "Interim Facility-Wide Groundwater Monitoring Plan for the 2017 Monitoring Year, October 2016–September 2017," and the "Interim Facility-Wide Groundwater Monitoring Plan for the 2018 Monitoring Year, October 2017–September 2018," both prepared in accordance with the Compliance Order on Consent.

This PMR presents monitoring results for four quarterly periodic monitoring events (PMEs) conducted during the second, third, and fourth quarters of monitoring year (MY) 2017 and the first quarter of MY2018 and two monthly PMEs conducted during the first quarter of MY2018 and includes the monitoring of groundwater well or well screen locations. There are no surface-water monitoring locations in the Chromium Investigation monitoring group. This PMR also includes any results from earlier Chromium Investigation monitoring group PMEs that have not yet been reported because validated laboratory data were not available (in some cases because of data release agreements).

Groundwater samples collected during the PMEs were analyzed for metals; volatile organic compounds; semivolatile organic compounds; polychlorinated biphenyls; radionuclides, including low-level tritium; general inorganic chemicals, including perchlorate; isotopes of chromium, nitrogen, and oxygen; and field parameters (dissolved oxygen, oxidation-reduction potential, pH, specific conductance, temperature, and turbidity).

Forty-five groundwater analytical results reported in this PMR were above applicable screening values.

CONTENTS

1.0 INTRODUCTION 1
1.1 Background 2
2.0 SCOPE OF ACTIVITIES 3
3.0 MONITORING RESULTS 3
3.1 Methods and Procedures 3
3.2 Field Parameter Results 3
3.3 Groundwater Elevations 3
3.4 Deviations from Planned Scope 5
4.0 ANALYTICAL DATA RESULTS 5
4.1 Methods and Procedures 5
4.2 Analytical Data 6
4.2.1 Surface Water (Base Flow) 8
4.2.2 Groundwater 8
4.3 Sampling Program Modifications 10
5.0 SUMMARY AND INTERPRETATIONS 11
5.1 Monitoring Results 11
5.2 Analytical Results 11
5.2.1 Surface Water (Base Flow) 11
5.2.2 Groundwater 11
5.3 Data Gaps 12
5.4 Remediation System Monitoring 12
6.0 REFERENCES 12

Figures

Figure 2.0-1 Chromium Investigation monitoring group locations 15
Figure 4.2-1 Monitoring group filtered chromium concentrations in µg/L 16
Figure 4.2-2 Monitoring group unfiltered 1,4-dioxane concentrations in µg/L 17
Figure 4.2-3 Monitoring group filtered nitrate-nitrite (as nitrogen) concentrations in mg/L 18
Figure 4.2-4 Monitoring group filtered perchlorate concentrations in µg/L 19

Tables

Table 2.0-1 Chromium Investigation Monitoring Group Locations and General Information 21
Table 3.4-1 Chromium Investigation Monitoring Group PME Observations and Deviations 27
Table 3.4-2 Target Analytes with MDLs above Screening Values 28
Table 3.4-3 Target Analytes with MDLs below Screening Values 29
Table 4.2-1 Sources for Standards and Screening Levels for Groundwater and Surface Water at Los Alamos National Laboratory 30
Table 4.2-2 Chromium Investigation Monitoring Group Results above Screening Values 31

Appendixes

Appendix A	Field Parameter Results, Including Results from Previous Four Monitoring Events if Available
Appendix B	Groundwater-Elevation Measurements (on CD included with this document)
Appendix C	Analytical Chemistry Results, Including Results from Previous Four Monitoring Events if Available
Appendix D	Groundwater Results Greater Than Half of Screening Values
Appendix E	Analytical Chemistry Graphs of Screening-Value Exceedances
Appendix F	Analytical Reports (on CD included with this document)

Plate

Plate 1	Groundwater elevations

Acronyms and Abbreviations

amsl	above mean sea level
AOC	area of concern
ARSL	American Radiation Services, Inc.
BCG	Biota Concentration Guide (DOE)
CFR	Code of Federal Regulations (U.S.)
Consent Order	Compliance Order on Consent
CV	casing volume
DCS	Derived Concentration Technical Standard (DOE)
DOE	Department of Energy (U.S.)
DP	drop pipe
EES6	Hydrology, Geochemistry, and Geology Group (Los Alamos National Laboratory)
EM	Office of Environmental Management (DOE)
EPA	Environmental Protection Agency (U.S.)
ESH	Environment, Safety, and Health (Directorate)
F	filtered
GELC	General Engineering Laboratories, Inc.
gpm	gallons per minute
IFGMP	Interim Facility-Wide Groundwater Monitoring Plan
LANL	Los Alamos National Laboratory
LCMS/MS	liquid chromatography mass spectrometry/mass spectrometry
MCL	maximum contaminant level (EPA)
MDL	method detection limit
MY	monitoring year
N	no (best value flag code)
N3B	Newport News Nuclear BWXT – Los Alamos, LLC
ND	nondetect
NMAC	New Mexico Administrative Code
NMED	New Mexico Environment Department
NMWQCC	New Mexico Water Quality Control Commission
NQ	not qualified
NTU	nephelometric turbidity unit(s)
PME	periodic monitoring event
PMR	periodic monitoring report

QC	quality control
RLWTF	Radioactive Liquid Waste Treatment Facility
S1	screen 1
S2	screen 2
SMO	Sample Management Office
SOP	standard operating procedure
SU	standard unit
SVOC	semivolatile organic compound
SWMU	solid waste management unit
TA	technical area
TDS	total dissolved solids
UF	unfiltered
UIL	University of Illinois, Urbana-Champaign
VOC	volatile organic compound
Y	yes (best value flag code)

1.0 INTRODUCTION

This annual periodic monitoring report (PMR) for the Chromium Investigation monitoring group provides documentation of the following groundwater periodic monitoring events (PMEs) conducted by Los Alamos National Laboratory (LANL or the Laboratory):

Watershed	PMEs Reported in this PMR		PME Field Sampling	
	MY*	Quarter	Begin	End
Mortandad/Sandia	2017	2	02/07/17	02/21/17
		3	05/02/17	05/18/17
		4	07/26/17	08/09/17
	2018	1	10/26/17	10/31/17
			11/06/17	11/20/17
			12/14/17	12/19/17

*MY = Monitoring year.

These PMEs include four quarterly PMEs conducted during the second, third, and fourth quarters of MY2017 and first quarter of MY2018 and two monthly PMEs conducted during the first quarter of MY2018. During the third quarter of fiscal year 2018, environmental remediation work transitioned from the Laboratory, under the U.S. Department of Energy (DOE) National Nuclear Security Administration (NNSA), to Newport News Nuclear BWXT – Los Alamos, LLC (N3B), under the DOE Office of Environmental Management (EM).

The annual PMR for the Chromium Investigation monitoring group is submitted to the New Mexico Environment Department (NMED) every May and includes Chromium Investigation monitoring group PMEs performed through the first quarter of the MY.

Monitoring was conducted pursuant to the “Interim Facility-Wide Groundwater Monitoring Plan for the 2017 Monitoring Year, October 2016–September 2017” (2017 IFGMP) (LANL 2016, 601506) and the “Interim Facility-Wide Groundwater Monitoring Plan for the 2018 Monitoring Year, October 2017–September 2018” (2018 IFGMP) (LANL 2017, 602406), both prepared in accordance with the Compliance Order on Consent (the Consent Order). The PMEs noted above included sampling of groundwater well (or well screen) locations.

This report also includes any results from previous Chromium Investigation monitoring group PMEs that were unreported in their respective PMRs because validated laboratory data were not available (in some cases because of data release agreements). Any additional results from sampling that occurred outside the time frame of a PME are also included in this report.

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

This report presents the following information:

- general background information on the monitoring group
- field-measurement monitoring results
- water-quality monitoring results
- screening analysis results
- a summary based on the monitoring data and the results of screening analysis

Information on radioactive materials and radionuclides, including the results of sampling and analysis of radioactive constituents, is voluntarily provided to NMED in accordance with DOE policy.

1.1 Background

The Chromium Investigation monitoring group is located in Sandia and Mortandad Canyons. Monitoring focuses on the characterization and fate and transport of chromium contamination in perched-intermediate groundwater and within the regional aquifer. The distribution of wells in the monitoring group also addresses historical releases from Outfall 051, which discharges from the Radioactive Liquid Waste Treatment Facility (RLWTF) in the Mortandad Canyon watershed. Effluent discharge was suspended in 2011 because of process changes at the RLWTF.

Sandia Canyon heads on Laboratory property within Technical Area 03 (TA-03) at an elevation of approximately 7300 ft and trends east-southeast across the Laboratory, Bandelier National Monument, and San Ildefonso Pueblo. Sandia Canyon empties into the Rio Grande in White Rock Canyon at an elevation of 5450 ft. The area of the Sandia Canyon watershed is approximately 5.5 mi^2. Perennial stream flow and saturated alluvial groundwater conditions occur in the upper and middle portions of the canyon system because sanitary wastewater and cooling tower effluent discharge to the canyon from operating facilities. A wetland of approximately 7 acres has developed as a result of the effluent discharge. The only known perennial spring in the watershed (Sandia Spring) is located in lower Sandia Canyon near the Rio Grande. TAs located in the Sandia Canyon watershed include TA-03, TA-53, TA-60, TA-61, TA-72, and former TA-20. A total of 264 solid waste management units (SWMUs) and areas of concern (AOCs) are located within the portions of these TAs in the Sandia Canyon watershed.

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

Chromium concentrations exceed the NMWQCC groundwater standard of 50 µg/L in Mortandad Canyon regional aquifer wells R-28, R-42, R-43, R-50, and R-62. The primary source of chromium is chromated water discharged from the TA-03 power plant cooling tower that occurred from 1956 to 1972. Perchlorate is present in regional aquifer well R-15, the primary source of which is effluent discharged from the TA-50 RLWTF. Other constituents detected above background in wells in the monitoring group include nitrate and tritium. A conceptual model for the sources and distribution of these contaminants is presented in the

"Investigation Report for Sandia Canyon" (LANL 2009, 107453) and the "Phase II Investigation Report for Sandia Canyon" (LANL 2012, 228624).

The conceptual model hypothesizes that chromium and other contaminants originate from releases into Sandia Canyon with lateral migration pathways that move contamination to locations beneath Mortandad Canyon. For this reason, perched-intermediate and regional wells beneath Mortandad Canyon are included in the Chromium Investigation monitoring group. Other areas of contamination beneath Sandia and Mortandad Canyons may be associated with Mortandad Canyon sources. These sources and the migration pathways are described in the "Investigation Report for Sandia Canyon" (LANL 2009, 107453) and the "Phase II Investigation Report for Sandia Canyon" (LANL 2012, 228624).

2.0 SCOPE OF ACTIVITIES

The PMEs for the Chromium Investigation monitoring group were conducted pursuant to the 2017 IFGMP (LANL 2016, 601506) and the 2018 IFGMP (LANL 2017, 602406).

Table 2.0-1 provides the name, watershed, sample collection date, screened interval, top and bottom screen depths, casing volume, purge volume, and purge or flow rate for each of the planned monitoring locations. These locations are shown in Figure 2.0-1.

3.0 MONITORING RESULTS

3.1 Methods and Procedures

All methods and procedures used to perform the field activities associated with the data reported in this PMR are documented in the 2017 IFGMP (LANL 2016, 601506) and 2018 IFGMP (LANL 2017, 602406).

3.2 Field Parameter Results

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

3.3 Groundwater Elevations

The groundwater level is measured at each groundwater monitoring location before purging and sampling of wells at that location as required by the Consent Order. Section 3.4 notes any instances where this requirement could not be met.

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

- Dry well
- Well not equipped with a pressure (level) transducer
- Water level below transducer
- Transducer not functioning properly (including failure)
- Transducer temporarily removed from well for maintenance and/or calibration

Groundwater-level data for the previous 2 yr are presented in Appendix B (on CD included with this document). For wells equipped with transducers, the reported water level is the water-level measurement taken earliest on the day of sampling. All manual measurements were recorded immediately before sampling. The groundwater-elevation measurements are shown graphically on Plate 1.

While the groundwater-elevation measurements from monitoring well R-42, listed below, are included in Appendix B, they are not included on the Plate 1 groundwater-elevation plots for the reasons discussed below.

Groundwater Level Measurement Date	Groundwater Elevation (ft amsl*)
07/13/16	5869.31
07/14/16	5873.61
08/02/17	5832.44
08/03/17	5832.39
08/04/17	5832.29
08/30/17	5825.55
08/31/17	5825.23
09/01/17	5825.45
09/02/17	5825.52
09/03/17	5826.41
09/04/17	5826.94
09/05/17	5827.50
09/06/17	5828.06
09/07/17	5828.55
09/08/17	5828.87
09/09/17	5829.10
09/10/17	5829.28
09/11/17	5829.35
09/12/17	5833.97
09/13/17	5830.16
09/14/17	5830.31
09/15/17	5830.44
09/16/17	5830.46
09/17/17	5830.43
09/18/17	5830.49
09/19/17	5830.59
09/20/17	5830.69
09/21/17	5830.72

* amsl = Above mean sea level.

The water-level measurements for R-42 from July 13, 2016, and July 14, 2016, were made during aquifer testing and represent casing conditions rather than aquifer levels. The water-level measurements for R-42 from August 2, 2017, through August 4, 2017, and from August 30, 2017, through September 21, 2017, are low because of pumping at R-42 conducted as part of the Laboratory's field pilot-scale amendments testing. Excluding these data points from Plate 1 allows presentation of the R-42 plots with appropriate vertical-scale resolution.

3.4 Deviations from Planned Scope

Table 3.4-1 summarizes the deviations from the planned monitoring scope that were experienced while conducting the work associated with the monitoring data reported in this PMR.

Table 3.4-2 presents a list of analytes with method detection limits (MDLs) greater than screening values. Some of the analytes were measured using more than one analytical method, leading to a range of MDLs. For some of these analytes, the MDL is much lower than for earlier analyses. Table 3.4-3 presents a list of analytes with MDLs below screening values. The tables apply to the results with the lowest MDL, so the analytical method and analytical laboratory are included in the tables for reference.

4.0 ANALYTICAL DATA RESULTS

4.1 Methods and Procedures

All methods and procedures used to perform PME analytical activities are documented in the 2017 IFGMP (LANL 2016, 601506) and 2018 IFGMP (LANL 2017, 602406). Purge water is managed and characterized in accordance with the waste characterization strategy form associated with the well and the "Land Application of Groundwater" procedure. The "Land Application of Groundwater" procedure implements the NMED-approved decision tree for land application of drilling, development, rehabilitation, and purge water.

All sampling, data reviews, and data package validations are conducted using standard operating procedures (SOPs) that are part of a comprehensive quality assurance program. NB3 has transferred ownership of all applicable procedures and is operating to them. Completed chain-of-custody forms serve as analytical request forms and include the requester or owner, sample number, program code, date and time of sample collection, total number of bottles, list of analytes to be measured, bottle sizes, and preservatives for each required analysis.

Data validation determines the quality of an analytical data set. Data validation focuses on specific quality assurance samples, such as matrix spikes, duplicates, surrogates, method blanks, and laboratory control samples, and holding times, which indicate the accuracy and precision of the analyses. Based on the results, data qualifiers are applied to indicate data quality issues as well as the usability of results. This process also includes a description of the reasons for any failure to meet method, procedural, or contractual requirements and an evaluation of the impact of such failure on the overall data set.

The required analytical laboratory batch quality control (QC) is defined by the analytical method, the analytical statement of work, and generally accepted industry practices. The analytical laboratory assigns qualifiers to the data to indicate the quality of the analytical results. The laboratory batch QC is used in the secondary data validation process to evaluate the quality of individual analytical results, evaluate the appropriateness of the analytical methodologies, and measure the routine performance of the analytical laboratory.

In addition to batch QC performed by analytical laboratories, in-house field QC samples are submitted to test the overall sampling and analytical laboratory process and to spot-check for analytical problems. The field QC sample results are used in secondary validation along with information provided by the analytical laboratory.

After the analytical laboratory submits data packages, the packages receive in-house secondary validation. As a result of secondary validation, a second set of qualifiers is assigned to the analytical results. Secondary validation is currently done by an automated process after data are loaded.

Auto validation (1) ensures that the electronic data deliverable contains all the required fields, (2) verifies that results of all QC checks and procedures are within valid criteria limits, and (3) applies specific qualifiers and reason codes per the EPA's National Functional Guidelines for data review as well as the internal data validation SOPs. Once auto validation is complete, the data are uploaded into the internal database system and the public database (http://intellusnm.com/).

A detection status is assigned to the analytical result based on the analytical laboratory and secondary validation qualifiers. A detect flag of "N" indicates that, based on the qualifiers, the result was not detected.

4.2 Analytical Data

Appendix C presents the analytical data for the six PMEs reported in this PMR and from the four sampling events at these locations immediately before these PMEs. The analytical laboratory reports (including chain-of-custody forms and data validation forms) are provided in Appendix F (on CD included with this document).

Appendix C contains all data collected during the PMEs (i.e., all data that have been independently reviewed for conformance with regulatory and in-house requirements) with the following constraints.

- All data
  - Data that are R-qualified (rejected because of noncompliance regarding QC acceptance criteria) during independent validation are considered unusable but are still reported.
  - Analytical laboratory QC results, including matrix spike and matrix spike duplicates, and field blanks, trip blanks, and equipment blanks are not included in the data set.
  - Field duplicates, reanalyses, and results from different analytical methods are reported.
- Radionuclides
  - Only cesium-137, cobalt-60, neptunium-237, potassium-40, and sodium-22 are reported (or analyzed) for the gamma spectroscopy suite.
  - Americium-241 and uranium-235 are reported only by chemical separation alpha spectroscopy. No gamma spectroscopy results are presented for these analytes.
  - Other than those mentioned above, all results are reported at all locations.
- Nonradionuclides
  - All detected results are reported.

Multiple analyses of a sample, including dilutions and reanalyses, create redundant results. These multiple results have the same sample ID, analytical laboratory code, and analytical method. The analytical and validation information is used to designate the preferred result, which is marked with a best value flag of "Y" (yes). The redundant values of lower quality are assigned a best value flag of "N" (no). In cases where

a reanalysis gives a significantly different result than an earlier value, the original result may be rejected and assigned a best value flag of N, and the reanalysis result may be marked with a best value flag of Y. The best value flag is included in Appendix C.

Monitoring data are evaluated using the screening process described below. The sources for standards and screening levels from which screening values are established are listed in Table 4.2-1.

- The base-flow monitoring locations are assigned to one of two screening categories—perennial or ephemeral. Along with a hardness value, this category determines the screening values used for data at each monitoring location. Hardness-dependent screening values used to screen data at each base-flow monitoring location are determined using the geometric mean of hardness data (mg/L as calcium carbonate) collected from 2006 to 2010 at each location. Hardness-dependent acute and chronic criteria were used for total aluminum and dissolved cadmium, chromium, copper, lead, manganese, nickel, silver, and zinc in accordance with the requirements of 20 New Mexico Administrative Code (NMAC) 6.4.900.
- Groundwater data are screened in accordance with Section IX of the Consent Order. For an individual substance, the lower of the NMWQCC groundwater standard or EPA MCL is used as the screening value.

  If an NMWQCC groundwater standard or an MCL has not been established for a specific substance for which toxicological information is published, the NMED screening level for tap water is used as the groundwater screening value. The NMED screening levels are for either a cancer- or noncancer-risk type. For the cancer-risk type, the screening levels are based on a 10^{-5} excess cancer risk. This report was prepared using the March 2017 NMED screening levels for tap water.

  If an NMED screening level for tap water has not been established for a specific substance for which toxicological information is published, the EPA regional screening level for tap water is used as the groundwater screening value. The EPA screening levels are for either a cancer- or noncancer-risk type. For the cancer-risk type, the Consent Order specifies screening at a 10^{-5} excess cancer risk. The EPA screening levels for tap water are for 10^{-6} excess cancer risk, so 10 times the EPA 10^{-6} screening levels are used in the screening process. This report was prepared using the November 2017 EPA regional screening levels for tap water.
- The NMWQCC groundwater standards apply to the dissolved (filtered) portion of specified contaminants; however, the standards for mercury, organic compounds, and nonaqueous-phase liquids apply to the total unfiltered concentrations of the contaminants. EPA MCLs are applied to both filtered and unfiltered sample results.
- The analytical results for radionuclides and radioactivity are voluntarily compared with the DOE Biota Concentration Guides (BCGs) for surface water and Derived Concentration Technical Standards (DCSs) for groundwater but are not reported in Table 4.2-2 or Appendix D.

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

Table 4.2-2 provides groundwater analytical results (by hydrogeologic zone for a specific analytical suite) that are above screening values. Multiple detections are included in the table except for field duplicate exceedances. For example, if aluminum was detected above its screening value in both a primary sample and a field duplicate, only the primary sample result is shown. If aluminum was detected above its screening value in two primary samples, both results are shown.

For the data reported in this PMR, Figures 4.2-1, 4.2-2, 4.2-3, and 4.2-4 show the maximum concentrations detected at all locations for the analytes that exceeded their screening values at more than one sampling location. For example, filtered chromium was above the NMWQCC groundwater standard (screening value) at more than one well, so all chromium values reported in this PMR are shown in addition to the screening-value exceedances, which are displayed in yellow boxes.

Graphs in Appendix E display analyte concentration histories for monitoring group locations where the analyte was above its screening value at least once in the following expanded data set: data reported in this PMR plus data for the three previous Chromium Investigation monitoring group PMEs. Appendix E may include instances where the analyte data reported in this PMR are evaluated using a higher screening value than the screening value that was used to evaluate previously reported analyte data. For example, the current screening value for perchlorate, 13.8 µg/L per 2016 Consent Order data screening requirements, is greater than the former perchlorate screening value of 4 µg/L, which was used to evaluate previously reported analyte data. The horizontal solid red line on each graph depicts the current analyte screening value, except in cases where there were no exceedances of the current screening value by the data reported in this PMR but there was at least one exceedance of the former (lower) screening value by the previously reported analytical data. In such cases, the horizontal solid red line depicts the former (lower) screening value. Results with a best value flag of N are not included in Appendix E.

4.2.1 Surface Water (Base Flow)

There are no surface-water monitoring locations in the Chromium Investigation monitoring group.

4.2.2 Groundwater

Table 4.2-2 shows that 45 groundwater analytical results reported in this PMR were above applicable screening values. These 45 screening-value exceedances involve the following four analytes: chromium (filtered), 1,4-dioxane (unfiltered), nitrate-nitrite as nitrogen (filtered), and perchlorate (filtered).

Perched-Intermediate Monitoring Wells

MCOI-5

For the February 8, 2017; May 9, 2017; July 31, 2017; and November 10, 2017 sampling events at MCOI-5, nitrate-nitrite (as nitrogen) was detected at concentrations of 10.3 mg/L, 11.4 mg/L, 11.2 mg/L, and 15 mg/L, respectively, and perchlorate was detected at concentrations of 174 µg/L, 188 µg/L, 196 µg/L, and 202 µg/L, respectively. These concentrations were above the MCL (screening value) of 10 mg/L for nitrate-nitrite (as nitrogen) and the NMED tap water screening level (screening value) of 13.8 µg/L for perchlorate. For the May 9, 2017, and November 10, 2017, sampling events at MCOI-5, 1,4-dioxane was detected at concentrations of 13.3 µg/L and 17.8 µg/L, respectively. These concentrations were above the NMED tap water screening level (screening value) of 4.59 µg/L.

The ranges of previous 1,4-dioxane, perchlorate, and nitrate-nitrite (as nitrogen) concentrations detected at MCOI-5 since 2006 are nondetect (ND) to 24.2 µg/L, 68.7 µg/L to 164 µg/L, and 3.63 mg/L to 10 mg/L, respectively.

MCOI-6

For the February 8, 2017; May 11, 2017; August 7, 2017; and November 9, 2017, sampling events at MCOI-6, chromium was detected at concentrations of 76.3 µg/L, 75.1 µg/L, 66,8 µg/L, and 69.4 µg/L, respectively, and perchlorate was detected at concentrations of 79.1 µg/L, 82.9 µg/L, 82.9 µg/L, and 87.5 µg/L, respectively. These concentrations are above the NMWQCC groundwater standard (screening value) of 50 µg/L for chromium and the NMED tap water screening level (screening value) of 13.8 µg/L for perchlorate. For the May 11, 2017, and November 9, 2017, sampling events at MCOI-6, 1,4-dioxane was detected at concentrations of 10.8 µg/L and 10.2 µg/L, respectively. These concentrations were above the NMED tap water screening level (screening value) of 4.59 µg/L. For the November 11, 2017, sampling event at MCOI-6, nitrate-nitrite (as nitrogen) was detected at a concentration of 11.5 mg/L. This concentration was above the MCL (screening value) of 10 mg/L for nitrate-nitrite (as nitrogen).

The ranges of previous chromium, 1,4-dioxane, nitrate-nitrite (as nitrogen), and perchlorate concentrations detected at MCOI-6 since 2006 are 29.4 µg/L to 86.6 µg/L, ND to 63.9 µg/L, ND to 20.4 mg/L, and 56 to 190 µg/L, respectively.

SCI-2

For the February 14, 2017; May 4 2017; July 31, 2017; and November 13, 2017, sampling events at SCI-2, chromium was detected at concentrations of 360 µg/L, 354 µg/L, 363 µg/L, and 387 µg/L, respectively. These concentrations were above the NMWQCC groundwater standard (screening value) of 50 µg/L for chromium.

The ranges of previous chromium concentrations detected at MCOI-6 since 2009 are 335 µg/L to 658 µg/L.

Regional Monitoring Wells

R-28

For the February 7, 2017; May 10, 2017; and August 2, 2017, sampling events at R-28, chromium was detected at 545 µg/L, 501 µg/L, and 466 µg/L, respectively. These concentrations were above the NMWQCC groundwater standard (screening value) of 50 µg/L. The range of previous chromium concentrations detected at R-28 since 2006 is 298 µg/L to 558 µg/L.

R-42

For the May 10, 2017, and July 28, 2017, sampling events at R-42, chromium was detected at 776 µg/L and 793 µg/L, respectively. These concentrations were above the NMWQCC groundwater standard (screening value) of 50 µg/L. The range of previous chromium concentrations detected at R-42 since 2008 is 718 µg/L to 1240 µg/L.

R-43 S1

For the February 13, 2017; May 8, 2017; August 9, 2017; and November 9, 2017, sampling events at R-43 S1 (screen 1), chromium was detected at 173 µg/L, 172 µg/L, 176 µg/L, and 178 µg/L, respectively. These concentrations were above the NMWQCC groundwater standard (screening value) of 50 µg/L. The range of previous chromium concentrations detected at R-43 S1 since 2008 is ND to 167 µg/L.

R-45 S1

For the December 18, 2017, sampling event at R-45 S1, chromium was detected at 50.7 µg/L. This concentration was above the NMWQCC groundwater standard (screening value) of 50 µg/L. The range of previous chromium concentrations detected at R-45 S1 since 2009 is 8.1 µg/L to 42.3 µg/L.

R-50 S1

For the February 21, 2017; May 17, 2017; July 28, 2017; October 26, 2017; November 16, 2017; and December 14, 2017, sampling events at R-50 S1, chromium was detected at 133 µg/L, 128 µg/L, 131 µg/L, 150 µg/L, 125 µg/L, and 134 µg/L, respectively. These concentrations were above the NMWQCC groundwater standard (screening value) of 50 µg/L. The range of previous chromium concentrations detected at R-50 S1 since 2010 is 49.8 µg/L to 146 µg/L.

R-62

For the February 21, 2017; May 8, 2017; August 4, 2017; and November 17, 2017, sampling events at R-62, chromium was detected at 217 µg/L, 228 µg/L, 232 µg/L, and 260 µg/L, respectively. These concentrations were above the NMWQCC groundwater standard (screening value) of 50 µg/L. The range of previous chromium concentrations detected at R-62 since 2012 is 104 µg/L to 240 µg/L.

4.3 Sampling Program Modifications

In its December 15, 2011, “Approval, Extension Request to Submit the Phase II Investigation Report for Sandia Canyon” (NMED 2011, 208852), NMED stated that R-61 was affected by impacts from drilling and well construction, and groundwater data from this well may not be representative of aquifer conditions. With the exception of the first sampling round from R-61, data showed elevated concentrations of dissolved iron and manganese and low concentrations of chromium, indicating reducing conditions in the vicinity of both well screens.

R-61 was redeveloped in October 2012. Following redevelopment, samples collected from screen 1 showed mitigated reducing conditions and more representative geochemistry. However, samples from screen 2 continued to show elevated concentrations of dissolved iron and manganese, indicating persistent reducing conditions in the vicinity of this screen. Sampling of R-61 S2 (screen 2) was discontinued for Quarters 3 and 4 of MY2014 because of the continued reducing conditions at this screen.

In June 2014, the Laboratory provided a report, “Evaluation of Regional Well R-61” (LANL 2014, 257586), to NMED that included an extensive review of post-redevelopment data from R-61 S1 to assess whether data from this screen are representative and sufficient to support ongoing monitoring for the Chromium Investigation monitoring group. The report recommended that R-61 S1 be retained in the monitoring network as a single-screen well, with an extended sample purging protocol to improve representativeness of samples. NMED responded to the Laboratory’s R-61 report in December 2014 (NMED 2014, 600065), stating that groundwater samples collected at R-61 for contaminant monitoring and detection do not meet Consent Order requirements. NMED required that the Laboratory submit a well-replacement drilling work plan for R-61 by February 2, 2015. The “Drilling Work Plan for Regional Aquifer Well R-61r” was submitted by the Laboratory on February 2, 2015 (LANL 2015, 600175), and an approval with modification was received from NMED on April 1, 2015 (NMED 2015, 600334).

The Laboratory discontinued reporting analytical and field parameter measurements for R-61 S1 per NMED’s response to the R-61 report (NMED 2014, 600065), and monitoring of R-61 S1 was not included in the 2017 IFGMP (LANL 2016, 601506). The 2018 IFGMP (LANL 2017, 602406), however, included R-61 S1 as part of monthly monitoring of select wells in the Chromium Investigation monitoring group to

assess the performance of interim measures. Monthly sampling of R-61 S1 began in October 2017 and is limited to general inorganic constituents.

5.0 SUMMARY AND INTERPRETATIONS

5.1 Monitoring Results

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

5.2 Analytical Results

5.2.1 Surface Water (Base Flow)

There are no surface-water monitoring locations in the Chromium Investigation monitoring group.

5.2.2 Groundwater

Forty-five groundwater analytical results reported in this PMR were above applicable screening values (Table 4.2-2). For results above screening values, the types of contaminants detected and their concentrations are consistent with data reported in previous PMRs for this monitoring group, with the following exceptions.

Perched-Intermediate Monitoring Wells

The four filtered perchlorate results (174 µg/L, 188 µg/L, 196 µg/L, and 202 µg/L) reported in this PMR for MCOI-5 are four sequential new maximum values. The previous maximum concentration was 164 µg/L.

The filtered nitrate-nitrite (as nitrogen) concentration (15 mg/L) detected at MCOI-5 on November 10, 2017, is the highest observed to date and all four results reported in the PMR (10.3 mg/L, 11.4 mg/L, 11.2 mg/L, and 15 mg/L) are greater than the previous maximum concentration (10 mg/L).

Regional Monitoring Wells

The filtered chromium concentration (178 µg/L) detected at R-43 S1 on November 9, 2017, is the highest observed to date and all four results reported in the PMR (173 µg/L, 172 µg/L, 176 µg/L, and 178 µg/L) are greater than the previous maximum concentration (167 µg/L). Three of the four filtered chromium results reported in this PMR for R-43 S1 are sequential new maximum values.

The filtered chromium concentration (50.7 µg/L) detected at R-45 S1 on December 18, 2017, is the highest concentration observed to date at this well and the first result greater than the applicable screening value (50 µg/L).

The filtered chromium concentration (150 µg/L) detected at R-50 S1 on October 26, 2017 is the highest concentration observed to date at this well. The previous maximum concentration was 146 µg/L.

The filtered chromium concentration (260 µg/L) detected at R-62 on November 17, 2017 is the highest concentration observed to date at this well. The previous maximum concentration was 240 µg/L.

5.3 Data Gaps

Table 3.4-1 summarizes the deviations from the planned monitoring scope that were experienced while conducting the work associated with the monitoring data reported in this PMR.

5.4 Remediation System Monitoring

Remediation system monitoring is not applicable to the Chromium Investigation monitoring group because no systems are installed in the monitoring group area.

6.0 REFERENCES

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

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

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

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

LANL (Los Alamos National Laboratory), June 2014. "Evaluation of Regional Well R-61," Los Alamos National Laboratory document LA-UR-14-22583, Los Alamos, New Mexico. (LANL 2014, 257586)

LANL (Los Alamos National Laboratory), February 2015. "Drilling Work Plan for Regional Aquifer Well R-61r," Los Alamos National Laboratory document LA-UR-15-20305, Los Alamos, New Mexico. (LANL 2015, 600175)

LANL (Los Alamos National Laboratory), May 2016. "Interim Facility-Wide Groundwater Monitoring Plan for the 2017 Monitoring Year, October 2016–September 2017," Los Alamos National Laboratory document LA-UR-16-23408, Los Alamos, New Mexico. (LANL 2016, 601506)

LANL (Los Alamos National Laboratory), May 2017. "Interim Facility-Wide Groundwater Monitoring Plan for the 2018 Monitoring Year, October 2017–September 2018," Los Alamos National Laboratory document LA-UR-17-24070, Los Alamos, New Mexico. (LANL 2017, 602406)

NMED (New Mexico Environment Department), December 15, 2011. "Approval, Extension Request to Submit the Phase II Investigation Report for Sandia Canyon," New Mexico Environment Department letter to G.J. Rael (DOE-LASO) and M.J. Graham (LANL) from J.E. Kieling (NMED-HWB), Santa Fe, New Mexico. (NMED 2011, 208852)

NMED (New Mexico Environment Department), December 2, 2014. "Evaluation of Regional Well R-61," New Mexico Environment Department letter to P. Maggiore (DOE-NA-LA) and M. Brandt (LANL) from J.E. Kieling (NMED-HWB), Santa Fe, New Mexico. (NMED 2014, 600065)

NMED (New Mexico Environment Department), April 1, 2015. "Approval with Modification, Drilling Work Plan for Regional Aquifer Well R-61r," New Mexico Environment Department letter to P. Maggiore (DOE-NA-LA) and M. Brandt (LANL) from J.E. Kieling (NMED-HWB), Santa Fe, New Mexico. (NMED 2015, 600334)

NMED (New Mexico Environment Department), March 2017. "Risk Assessment Guidance for Site Investigations and Remediation, Volume I Soil Screening Guidance for Human Health Risk Assessments," Hazardous Waste Bureau, Santa Fe, New Mexico. (NMED 2017, 602273)

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

Figure 4.2-1 Monitoring group filtered chromium concentrations in µg/L. The screening value for groundwater is 50 µg/L.

Figure 4.2-2 Monitoring group unfiltered 1,4-dioxane concentrations in µg/L. The screening value for groundwater is 4.59 µg/L.

Figure 4.2-3 Monitoring group filtered nitrate-nitrite (as nitrogen) concentrations in mg/L. The screening value for groundwater is 10 mg/L.

Figure 4.2-4 Monitoring group filtered perchlorate concentrations in µg/L. The screening value for groundwater is 13.8 µg/L.

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

Location	Watershed	Sampling Event		Sample Collection Date	Screened Interval (ft)	Screen Top Depth (ft)	Screen Bottom Depth (ft)	Calculated Single Casing Volume (gal.)	Purge Volume (gal.)	Purge or Flow Rate (gpm[a])
		MY	Quarter							
Perched-Intermediate										
MCOI-5	Mortandad	2017	2	02/08/17	10	689	699	7.48	7.6	0.38
MCOI-6	Mortandad			02/08/17	22.3	686	708.3	39.9	120	1.02
SCI-2	Sandia			02/14/17	20	548	568	5.12	15.7	0.98
MCOI-5	Mortandad		3	05/09/17	10	689	699	7.46	7.75	0.31
MCOI-6	Mortandad			05/11/17	22.3	686	708.3	39.9	121	1.11
SCI-1	Sandia			n/a[b]	19.5	358.4	377.9	n/a	n/a	n/a
SCI-2	Sandia			05/04/17	20	548	568	5.16	16	0.89
MCOI-5	Mortandad		4	07/31/17	10	689	699	6.07	6.08	0.38
MCOI-6	Mortandad			08/07/17	22.3	686	708.3	39.2	118	1.08
SCI-2	Sandia			07/31/17	20	548	568	5.1	15.3	0.85
MCOI-5	Mortandad	2018	1	11/10/17	10	689	699	7.09	7.2	0.3
MCOI-6	Mortandad			11/09/17	22.3	686	708.3	39.8	120	1.26
SCI-1	Sandia			11/13/17	19.5	358.4	377.9	4.31	4.31	0.96
SCI-2	Sandia			11/13/17	20	548	568	5.18	16.4	0.78

Table 2.0-1 (continued)

Location	Watershed	Sampling Event		Sample Collection Date	Screened Interval (ft)	Screen Top Depth (ft)	Screen Bottom Depth (ft)	Calculated Single Casing Volume (gal.)	Purge Volume (gal.)	Purge or Flow Rate (gpm[a])
		MY	Quarter							
Regional										
R-11	Sandia	2017	2	02/09/16	22.9	855	877.9	50.4	153	2.88
R-13	Mortandad			02/10/17	60.4	958.3	1018.7	155	469	5.45
R-15	Mortandad			02/08/17	61.7	958.6	1020.3	57.1	174	7.89
R-28	Mortandad			02/07/17	23.8	934.3	958.1	70.6	212	2.56
R-33 S1	Mortandad			02/13/17	23	995.5	1018.5	73.2	220	3.06
R-33 S2	Mortandad			02/13/17	9.9	1112.4	1122.3	40.4	122	2.78
R-35a	Sandia			02/09/17	49.1	1013.1	1062.2	241	726	3.8
R-35b	Sandia			02/09/17	23.1	825.4	848.5	65.8	198	2.75
R-36	Sandia			02/14/17	23	766.9	789.9	41.8	126	3.33
R-42	Mortandad			n/a	21.1	931.8	952.9	n/a	n/a	n/a
R-43 S1	Sandia			02/13/17	20.7	903.9	924.6	64.4	194	1.44
R-43 S2	Sandia			02/13/17	10	969.1	979.1	25.5	77.8	1.44
R-44 S1	Mortandad			02/10/17	10	895	905	54.5	166	3.53
R-44 S2	Mortandad			02/17/17	9.9	985.3	995.2	76.4	230	3.29
R-45 S1	Mortandad			02/07/17	10	880	890	50.3	153	3.26
R-45 S2	Mortandad			02/07/17	20	974.9	994.9	91.8	276	3.33
R-50 S1	Mortandad			02/21/17	10	1077	1087	48.4	146	2.48
R-50 S2	Mortandad			02/16/17	20.6	1185	1205.6	96.5	292	2.56
R-62	Mortandad			02/21/17	20.7	1158.4	1179.1	44.2	133	1.41–2.05[c]
R-67	Sandia			02/16/17	20.4	1242.6	1263.0	46.3	159	3.7
SIMR-2	Mortandad			02/15/17	20.4	885	905.4	58.9	179	3.65

Table 2.0-1 (continued)

Location	Watershed	Sampling Event		Sample Collection Date	Screened Interval (ft)	Screen Top Depth (ft)	Screen Bottom Depth (ft)	Calculated Single Casing Volume (gal.)	Purge Volume (gal.)	Purge or Flow Rate (gpm[a])
		MY	Quarter							
R-1	Mortandad	2017	3	05/15/17	26.3	1031.1	1057.4	61.4	183	3.37
R-11	Sandia			05/05/17	22.9	855	877.9	50.5	152	2.86
R-13	Mortandad			05/16/17	60.4	958.3	1018.7	155	470	5
R-15	Mortandad			05/15/17	61.7	958.6	1020.3	57.7	233	8.33
R-28	Mortandad			05/10/17	23.8	934.3	958.1	70.8	214	2.75
R-33 S1	Mortandad			05/09/17	23	995.5	1018.5	73.2	220	3.19
R-33 S2	Mortandad			05/10/17	9.9	1112.4	1122.3	40.4	123	2.73
R-35a	Sandia			05/02/17	49.1	1013.1	1062.2	240	722	3.84
R-35b	Sandia			05/02/17	23.1	825.4	848.5	65.9	198	3.19
R-36	Sandia			05/05/17	23	766.9	789.9	41.6	128	3.45
R-42	Mortandad			05/10/17	21.1	931.8	952.9	50.5	154	2.4
R-43 S1	Sandia			05/08/17	20.7	903.9	924.6	65.6	194	1.36
R-43 S2	Sandia			05/08/17	10	969.1	979.1	25.5	78	1.52
R-44 S1	Mortandad			05/18/17	10	895	905	55.2	168	3.49
R-44 S2	Mortandad			05/18/17	9.9	985.3	995.2	76.4	230	3.33
R-45 S1	Mortandad			05/17/17	10	880	890	50.9	155	3.44
R-45 S2	Mortandad			05/17/17	20	974.9	994.9	91.8	275	3.4
R-50 S1	Mortandad			05/17/17	10	1077	1087	49	149	2.61
R-50 S2	Mortandad			05/18/17	20.6	1185	1205.6	95.6	295	2.54
R-62	Mortandad			05/08/17	20.7	1158.4	1179.1	44.8	135	1.55
R-67	Sandia			05/03/17	20.4	1242.6	1263.0	46.1	142	4.05
SIMR-2	Mortandad			05/16/17	20.4	885	905.4	59.3	180	3.75
R-11	Sandia	2017	4	08/01/17	22.9	855	877.9	50.2	115	2.94
R-13	Mortandad			08/03/17	60.4	958.3	1018.7	155	470	5.66
R-15	Mortandad			08/03/17	61.7	958.6	1020.3	56.4	178	8.1
R-28	Mortandad			08/02/17	23.8	934.3	958.1	70.2	212	2.5

Table 2.0-1 (continued)

Location	Watershed	Sampling Event		Sample Collection Date	Screened Interval (ft)	Screen Top Depth (ft)	Screen Bottom Depth (ft)	Calculated Single Casing Volume (gal.)	Purge Volume (gal.)	Purge or Flow Rate (gpm[a])
		MY	Quarter							
R-33 S1	Mortandad	2017 (cont'd)	4 (cont'd)	08/01/17	23	995.5	1018.5	72.8	221	3.3
R-33 S2	Mortandad			08/01/17	9.9	1112.4	1122.3	40.4	123	2.8
R-35a	Sandia			07/26/17	49.1	1013.1	1062.2	239	718	3.8
R-35b	Sandia			07/26/17	23.1	825.4	848.5	65.7	199	2.97
R-36	Sandia			07/26/17	23	766.9	789.9	41.7	128	3.45
R-42	Mortandad			07/28/17	21.1	931.8	952.9	50	151	2.52
R-43 S1	Sandia			08/09/17	20.7	903.9	924.6	64	193	1.41–1.46[c]
R-43 S2	Sandia			08/04/17	10	969.1	979.1	25.5	77.7	1.34
R-44 S1	Mortandad			08/03/17	10	895	905	54.4	166	3.26
R-44 S2	Mortandad			08/03/17	9.9	985.3	995.2	76.4	231	3.45
R-45 S1	Mortandad			08/02/17	10	880	890	49.9	150	3.06
R-45 S2	Mortandad			08/02/17	20	974.9	994.9	91.8	279	3.44
R-50 S1	Mortandad			07/28/17	10	1077	1087	48.3	147	2.63
R-50 S2	Mortandad			07/28/17	20.6	1185	1205.6	96.5	292	2.65
R-62	Mortandad			08/04/17	20.7	1158.4	1179.1	43.9	132	1.86
R-67	Sandia			08/01/17	20.4	1242.6	1263.0	45.9	140	4
SIMR-2	Mortandad			08/08/17	20.4	885	905.4	58.5	179	3.65
R-44 S1	Mortandad	2018	1	10/30/17[d]	10	895	905	54.4	163	3.33
R-44 S2	Mortandad			10/30/17[d]	9.9	985.3	995.2	76.4	230	3.33
R-45 S1	Mortandad			10/31/17[d]	10	880	890	49.9	151	3.52
R-45 S2	Mortandad			10/31/17[d]	20	974.9	994.9	91.8	278	3.61
R-50 S1	Mortandad			10/26/17[d]	10	1077	1087	48	146	2.6
R-50 S2	Mortandad			10/26/17[d]	20.6	1185	1205.6	96.5	397	2.63
R-61 S1	Mortandad			10/31/17[d]	10	1125	1135	57.8	521	1.96
SIMR-2	Mortandad			10/30/17[d]	20.4	885	905.4	58.4	178	3.79
R-1	Mortandad			11/09/17[e]	26.3	1031.1	1057.4	60.9	186	3.44

Table 2.0-1 (continued)

Location	Watershed	Sampling Event		Sample Collection Date	Screened Interval (ft)	Screen Top Depth (ft)	Screen Bottom Depth (ft)	Calculated Single Casing Volume (gal.)	Purge Volume (gal.)	Purge or Flow Rate (gpm[a])
		MY	Quarter							
R-11	Sandia	2018 (cont'd)	1 (cont'd)	11/08/17[e]	22.9	855	877.9	49.9	150	3.06
R-13	Mortandad			11/08/17[e]	60.4	958.3	1018.7	154	469	5.45
R-15	Mortandad			11/08/17[e]	61.7	958.6	1020.3	55.2	195	8.12
R-33 S1	Mortandad			11/07/17[e]	23	995.5	1018.5	72.7	220	3.15
R-33 S2	Mortandad			11/07/17[e]	9.9	1112.4	1122.3	40.4	122	2.91
R-35a	Sandia			11/06/17[e]	49.1	1013.1	1062.2	240	724	3.79
R-35b	Sandia			11/06/17[e]	23.1	825.4	848.5	65.6	200	3.12
R-36	Sandia			11/06/17[e]	23	766.9	789.9	41.4	127	3.52
R-43 S1	Sandia			11/09/17[e]	20.7	903.9	924.6	72.9	219	1.54
R-43 S2	Sandia			11/09/17[e]	10	969.1	979.1	25.5	76.8	1.6
R-44 S1	Mortandad			11/20/17[e]	10	895	905	54.7	166	3.26
R-44 S2	Mortandad			11/20/17[e]	9.9	985.3	995.2	76.4	231	3.3
R-45 S1	Mortandad			11/20/17[e]	10	880	890	50.7	155	3.53
R-45 S2	Mortandad			n/a	20	974.9	994.9	n/a	n/a	n/a
R-50 S1	Mortandad			11/16/17[e]	10	1077	1087	47.8	145	2.54
R-50 S2	Mortandad			11/16/17[e]	20.6	1185	1205.6	96.5	290	2.34
R-61 S1	Mortandad			11/17/17[e]	10	1125	1135	57.6	520	2.08
R-62	Mortandad			11/17/17[e]	20.7	1158.4	1179.1	43.6	152	4.35
R-67	Sandia			11/10/17[e]	20.4	1242.6	1263.0	46	140	4
SIMR-2	Mortandad			11/15/17[e]	20.4	885	905.4	57.8	176	3.66
R-44 S1	Mortandad			12/18/17[f]	10	895	905	54.6	165	3.44
R-44 S2	Mortandad			12/18/17[f]	9.9	985.3	995.2	76.4	230	3.33
R-45 S1	Mortandad			12/18/17[f]	10	880	890	50.1	154	3.57
R-45 S2	Mortandad			12/18/17[f]	20	974.9	994.9	91.8	278	3.61
R-50 S1	Mortandad			12/14/17[f]	10	1077	1087	48.4	147	2.67
R-50 S2	Mortandad			12/14/17[f]	20.6	1185	1205.6	96.5	315	2.52

Table 2.0-1 (continued)

Location	Watershed	Sampling Event		Sample Collection Date	Screened Interval (ft)	Screen Top Depth (ft)	Screen Bottom Depth (ft)	Calculated Single Casing Volume (gal.)	Purge Volume (gal.)	Purge or Flow Rate (gpm[a])
		MY	Quarter							
R-61 S1	Mortandad	2018	1	12/19/17[f]	10	1125	1135	57.7	173	2.04
SIMR-2	Mortandad	(cont'd)	(cont'd)	12/14/17[f]	20.4	885	905.4	58.3	176	3.66

[a] gpm = Gallons per minute.

[b] n/a = Not applicable.

[c] Purge rate was not constant and the range of purge rates is reported.

[d] Monthly sampling event for October 2017.

[e] Quarterly sampling event.

[f] Monthly sampling event for December 2017.

Table 3.4-1
Chromium Investigation Monitoring Group PME Observations and Deviations

Monitoring Location	Watershed	Sampling Event		Observation/Deviation	Cause	Comments
		MY	Quarter			
R-42	Mortandad	2017	2	A sample was not collected.	Sampling at this location was cancelled.	Chromium Project tracer testing precluded sampling.
SCI-1	Sandia	2017	3	A sample was not collected.	Sampling pump was not working properly and well could not purged and sampled. The attempted sampling date was 05/04/17.	None
R-11	Sandia	2017	4	Sample was collected on 08/01/17 after purging only 2.3 casing volumes (CVs) and drop pipe (DP) volume instead of required 3 CVs and DP.	Low purge volume resulted from error in purge time calculations.	Field parameters were stable for three consecutive readings and were within range of historical values collected at 3 CVs.
R-11	Sandia	2018	1	Seal on field trip blank for volatile organic compound (VOC) sample collected on 11/08/17 was broken.	Unknown	Sample Management Office (SMO) was contacted and approved use of field trip blank with broken seal.
R-33 S1	Sandia	2018	1	Seal on field trip blank for VOC sample collected on 11/07/17 was broken.	Unknown	SMO was contacted and approved use of field trip blank with broken seal.
R-33 S2	Sandia	2018	1	Seal on field trip blank for VOC sample collected on 11/07/17 was broken.	Unknown	SMO was contacted and approved use of field trip blank with broken seal.
R-45 S2	Mortandad	2018	1	A sample was not collected.	Sampling at this location was cancelled.	Well maintenance activities were being performed and the sampling was not possible.

Table 3.4-2
Target Analytes with MDLs above Screening Values

Analyte Name	MDL	Analytical Method	Screening Value	Unit	Screening-Value Type	Lab ID
Semivolatile Organic Compounds						
Atrazine	3.06–3.49	SW-846:8270D	3	µg/L	EPA MCL	GELC[a]
Azobenzene	3–3.49	SW-846:8270D	3	µg/L	EPA TAP SCRN LVL[b]	GELC
Benzidine	3.9–4.53	SW-846:8270D	1.2	µg/L	NMED A1 TAP SCRN LVL[c]	GELC
Benzo(a)anthracene	0.3–0.349	SW-846:8270D	0.00109	µg/L	NMED A1 TAP SCRN LVL	GELC
Benzo(a)pyrene	0.3–0.349	SW-846:8270D	0.12	µg/L	EPA MCL	GELC
Benzo(b)fluoranthene	0.349	SW-846:8270D	0.2	µg/L	NMED A1 TAP SCRN LVL	GELC
Bis(2-chloroethyl)ether	3–3.49	SW-846:8270D	0.343	µg/L	NMED A1 TAP SCRN LVL	GELC
Dibenz(a,h)anthracene	0.3–0.349	SW-846:8270D	0.137	µg/L	NMED A1 TAP SCRN LVL	GELC
Dichlorobenzidine[3,3'-]	3–3.49	SW-846:8270D	0.0343	µg/L	NMED A1 TAP SCRN LVL	GELC
Dinitro-2-methylphenol[4,6-]	3–3.49	SW-846:8270D	1.25	µg/L	NMED A1 TAP SCRN LVL	GELC
Hexachlorobenzene	3–3.49	SW-846:8270D	1.52	µg/L	EPA MCL	GELC
Indeno(1,2,3-cd)pyrene	0.349	SW-846:8270D	1	µg/L	NMED A1 TAP SCRN LVL	GELC
Nitrosodiethylamine[N-]	3–3.49	SW-846:8270D	0.343	µg/L	NMED A1 TAP SCRN LVL	GELC
Nitrosodimethylamine[N-]	3–3.49	SW-846:8270D	0.00167	µg/L	NMED A1 TAP SCRN LVL	GELC
Nitroso-di-n-butylamine[N-]	3–3.49	SW-846:8270D	0.00491	µg/L	NMED A1 TAP SCRN LVL	GELC
Nitroso-di-n-propylamine[N-]	3–3.49	SW-846:8270D	0.0273	µg/L	EPA TAP SCRN LVL	GELC
Nitrosopyrrolidine[N-]	3–3.49	SW-846:8270D	0.11	µg/L	NMED A1 TAP SCRN LVL	GELC
Pentachlorophenol	3–3.49	SW-846:8270D	0.37	µg/L	EPA MCL	GELC

Table 3.4-2 (continued)

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

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

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

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

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

Table 3.4-3
Target Analytes with MDLs at or below Screening Values

Analyte Name	MDL	Analytical Method	Screening Value	Unit	Screening-Value Type	Lab ID
Semivolatile Organic Compounds						
Atrazine	3	SW-846:8270D	3	µg/L	EPA MCL	GELC[a]
Benzo(b)fluoranthene	0.3–0.333	SW-846:8270D	0.343	µg/L	NMED A1 TAP SCRN LVL[b]	GELC
Indeno(1,2,3-cd)pyrene	0.3–0.333	SW-846:8270D	0.343	µg/L	NMED A1 TAP SCRN LVL	GELC
Oxybis(1-chloropropane)[2,2'-][c]	3–3.49	SW-846:8270D	710	µg/L	EPA TAP SCRN LVL[d]	GELC
Volatile Organic Compounds						
Methacrylonitrile	1.5	SW-846:8260B	1.91	µg/L	NMED A1 TAP SCRN LVL	GELC

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

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

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

[c] EPA analyte synonym = Bis(2-chloro-1-methylethyl) ether.

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

Table 4.2-1
Sources for Standards and Screening Levels for Groundwater and Surface Water at Los Alamos National Laboratory

Standard Source	Standard Type	Groundwater	Surface Water
DOE Order 458.1	DOE BCG	n/a[a]	X[b]
DOE Order 458.1	DOE 100-mrem Public Dose DCS	X	n/a
DOE Order 458.1	DOE 4-mrem Drinking Water DCS	X	n/a
40 CFR[c] 141	EPA MCL	X	n/a
NMED Screening Levels[d]	Screening Levels for Tap Water	X	n/a
EPA Regional Screening Levels[e]	Screening Levels for Tap Water	X	n/a
20 NMAC 6.2.3103	NMWQCC Groundwater Standard	X	n/a
20 NMAC 6.4.900.C	NMWQCC Irrigation Standard	n/a	X
20 NMAC 6.4.900.F	NMWQCC Livestock Watering Standard	n/a	X
20 NMAC 6.4.900.G	NMWQCC Wildlife Habitat Standard	n/a	X
20 NMAC 6.4.900.H	NMWQCC Aquatic Life Standards Acute	n/a	X[f,g]
20 NMAC 6.4.900.H	NMWQCC Aquatic Life Standards Chronic	n/a	X[f,g]
20 NMAC 6.4.900.H	NMWQCC Aquatic Life Human Health Standard	n/a	X

[a] n/a = Not applicable.

[b] X = Applied to the data screen for this report.

[c] CFR = Code of Federal Regulations.

[d] Reference: "Risk Assessment Guidance for Site Investigations and Remediation," New Mexico Environment Department, March 2017 (NMED 2017, 602273).

[e] Available at (https://www.epa.gov/risk/regional-screening-levels-rsls-generic-tables-november-2017).

[f] Hardness-based standards for total recoverable aluminum and dissolved chromium(III) conservatively compared with results for total aluminum and dissolved chromium, respectively.

[g] Standard for dissolved chromium(VI) conservatively compared with results for dissolved chromium.

Table 4.2-2
Chromium Investigation Monitoring Group Results above Screening Values

Location	Watershed	Sampling Event		Sample Collection Date	Analyte	Field Prep Code	Result	Unit	Screening Value	Screening-Value Type
		MY	Quarter							
Perched-Intermediate										
MCOI-5	Mortandad	17	3	05/09/17	Dioxane[1,4-]	UF[a]	13.3	µg/L	4.59	NMED A1 TAP SCRN LVL[b]
MCOI-5	Mortandad	18	1	11/10/17	Dioxane[1,4-]	UF	17.8	µg/L	4.59	NMED A1 TAP SCRN LVL
MCOI-5	Mortandad	17	2	02/08/17	Nitrate-Nitrite as Nitrogen	F[c]	10.3	mg/L	10	EPA MCL
MCOI-5	Mortandad	17	3	05/09/17	Nitrate-Nitrite as Nitrogen	F	11.4	mg/L	10	EPA MCL
MCOI-5	Mortandad	17	4	07/31/17	Nitrate-Nitrite as Nitrogen	F	11.2	mg/L	10	EPA MCL
MCOI-5	Mortandad	18	1	11/10/17	Nitrate-Nitrite as Nitrogen	F	15.0	mg/L	10	EPA MCL
MCOI-5	Mortandad	17	2	02/08/17	Perchlorate	F	174	µg/L	13.8	NMED A1 TAP SCRN LVL
MCOI-5	Mortandad	17	3	05/09/17	Perchlorate	F	188	µg/L	13.8	NMED A1 TAP SCRN LVL
MCOI-5	Mortandad	17	4	07/31/17	Perchlorate	F	196	µg/L	13.8	NMED A1 TAP SCRN LVL
MCOI-5	Mortandad	18	1	11/10/17	Perchlorate	F	202	µg/L	13.8	NMED A1 TAP SCRN LVL
MCOI-6	Mortandad	17	2	02/08/17	Chromium	F	76.3	µg/L	50	NMWQCC GW STD[d]
MCOI-6	Mortandad	17	3	05/11/17	Chromium	F	75.1	µg/L	50	NMWQCC GW STD
MCOI-6	Mortandad	17	4	08/07/17	Chromium	F	66.8	µg/L	50	NMWQCC GW STD
MCOI-6	Mortandad	18	1	11/09/17	Chromium	F	69.4	µg/L	50	NMWQCC GW STD
MCOI-6	Mortandad	17	3	05/11/17	Dioxane[1,4-]	UF	10.8	µg/L	4.59	NMED A1 TAP SCRN LVL
MCOI-6	Mortandad	18	1	11/09/17	Dioxane[1,4-]	UF	10.2	µg/L	4.59	NMED A1 TAP SCRN LVL
MCOI-6	Mortandad	18	1	11/09/17	Nitrate-Nitrite as Nitrogen	F	11.5	mg/L	10	EPA MCL
MCOI-6	Mortandad	17	2	02/08/17	Perchlorate	F	79.1	µg/L	13.8	NMED A1 TAP SCRN LVL
MCOI-6	Mortandad	17	3	05/11/17	Perchlorate	F	82.9	µg/L	13.8	NMED A1 TAP SCRN LVL
MCOI-6	Mortandad	17	4	08/07/17	Perchlorate	F	82.9	µg/L	13.8	NMED A1 TAP SCRN LVL
MCOI-6	Mortandad	18	1	11/09/17	Perchlorate	F	87.5	µg/L	13.8	NMED A1 TAP SCRN LVL
SCI-2	Sandia	17	2	02/14/17	Chromium	F	360	µg/L	50	NMWQCC GW STD
SCI-2	Sandia	17	3	05/04/17	Chromium	F	354	µg/L	50	NMWQCC GW STD
SCI-2	Sandia	17	4	07/31/17	Chromium	F	363	µg/L	50	NMWQCC GW STD

Table 4.2-2 (continued)

Location	Watershed	Sampling Event		Sample Collection Date	Analyte	Field Prep Code	Result	Unit	Screening Value	Screening-Value Type
		MY	Quarter							
SCI-2	Sandia	18	1	11/13/17	Chromium	F	387	µg/L	50	NMWQCC GW STD
Regional										
R-28	Mortandad	17	2	02/07/17	Chromium	F	545	µg/L	50	NMWQCC GW STD
R-28	Mortandad	17	3	05/10/17	Chromium	F	501	µg/L	50	NMWQCC GW STD
R-28	Mortandad	17	4	08/02/17	Chromium	F	466	µg/L	50	NMWQCC GW STD
R-42	Mortandad	17	3	05/10/17	Chromium	F	776	µg/L	50	NMWQCC GW STD
R-42	Mortandad	17	4	07/28/17	Chromium	F	793	µg/L	50	NMWQCC GW STD
R-43 S1	Sandia	17	2	02/13/17	Chromium	F	173	µg/L	50	NMWQCC GW STD
R-43 S1	Sandia	17	3	05/08/17	Chromium	F	172	µg/L	50	NMWQCC GW STD
R-43 S1	Sandia	17	4	08/09/17	Chromium	F	176	µg/L	50	NMWQCC GW STD
R-43 S1	Sandia	18	1	11/09/17	Chromium	F	178	µg/L	50	NMWQCC GW STD
R-45 S1	Mortandad	18	1	12/18/17	Chromium	F	50.7	µg/L	50	NMWQCC GW STD
R-50 S1	Mortandad	17	2	02/21/17	Chromium	F	133	µg/L	50	NMWQCC GW STD
R-50 S1	Mortandad	17	3	05/17/17	Chromium	F	128	µg/L	50	NMWQCC GW STD
R-50 S1	Mortandad	17	4	07/28/17	Chromium	F	131	µg/L	50	NMWQCC GW STD
R-50 S1	Mortandad	18	1	10/26/17	Chromium	F	150	µg/L	50	NMWQCC GW STD
R-50 S1	Mortandad	18	1	11/16/17	Chromium	F	125	µg/L	50	NMWQCC GW STD
R-50 S1	Mortandad	18	1	12/14/17	Chromium	F	134	µg/L	50	NMWQCC GW STD
R-62	Mortandad	17	2	02/21/17	Chromium	F	217	µg/L	50	NMWQCC GW STD
R-62	Mortandad	17	3	05/08/17	Chromium	F	228	µg/L	50	NMWQCC GW STD
R-62	Mortandad	17	4	08/04/17	Chromium	F	232	µg/L	50	NMWQCC GW STD
R-62	Mortandad	18	1	11/17/17	Chromium	F	260	µg/L	50	NMWQCC GW STD

[a] UF – Unfiltered.

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

[c] F = Filtered.

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

Appendix A

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

Location	Depth (ft)	Date	Matrix	Analyte	Result	Unit	Sample
MCOI-5	689.04	11/10/17	WG[a]	Dissolved Oxygen	6.31	mg/L	CAMO-18-148070
MCOI-5	689.04	07/31/17	WG	Dissolved Oxygen	6.14	mg/L	CAMO-17-141988
MCOI-5	689.04	05/09/17	WG	Dissolved Oxygen	6.74	mg/L	CAMO-17-132219
MCOI-5	689.04	02/08/17	WG	Dissolved Oxygen	6.98	mg/L	CAMO-17-129305
MCOI-5	689.04	11/08/16	WG	Dissolved Oxygen	6.31	mg/L	CAMO-17-127222
MCOI-5	689.04	07/25/16	WG	Dissolved Oxygen	6.8	mg/L	CAMO-16-124260
MCOI-5	689.04	05/06/16	WG	Dissolved Oxygen	6.94	mg/L	CAMO-16-115246
MCOI-5	689.04	02/05/16	WG	Dissolved Oxygen	6.7	mg/L	CAMO-16-110015
MCOI-5	689.04	11/10/17	WG	Flow (in gpm[b])	0.3	gpm	CAMO-18-148070
MCOI-5	689.04	07/31/17	WG	Flow (in gpm)	0.38	gpm	CAMO-17-141988
MCOI-5	689.04	05/09/17	WG	Flow (in gpm)	0.31	gpm	CAMO-17-132219
MCOI-5	689.04	02/08/17	WG	Flow (in gpm)	0.38	gpm	CAMO-17-129305
MCOI-5	689.04	11/08/16	WG	Flow (in gpm)	0.36	gpm	CAMO-17-127222
MCOI-5	689.04	07/25/16	WG	Flow (in gpm)	0.31	gpm	CAMO-16-124260
MCOI-5	689.04	05/06/16	WG	Flow (in gpm)	0.54	gpm	CAMO-16-115246
MCOI-5	689.04	02/05/16	WG	Flow (in gpm)	0.53	gpm	CAMO-16-110015
MCOI-5	689.04	11/10/17	WG	Oxidation-Reduction Potential	215	mV	CAMO-18-148070
MCOI-5	689.04	07/31/17	WG	Oxidation-Reduction Potential	216.8	mV	CAMO-17-141988
MCOI-5	689.04	05/09/17	WG	Oxidation-Reduction Potential	237.2	mV	CAMO-17-132219
MCOI-5	689.04	02/08/17	WG	Oxidation-Reduction Potential	218.8	mV	CAMO-17-129305
MCOI-5	689.04	11/08/16	WG	Oxidation-Reduction Potential	198.5	mV	CAMO-17-127222
MCOI-5	689.04	07/25/16	WG	Oxidation-Reduction Potential	198.4	mV	CAMO-16-124260
MCOI-5	689.04	05/06/16	WG	Oxidation-Reduction Potential	131.6	mV	CAMO-16-115246
MCOI-5	689.04	02/05/16	WG	Oxidation-Reduction Potential	137.8	mV	CAMO-16-110015
MCOI-5	689.04	11/10/17	WG	pH	8.8	SU[c]	CAMO-18-148070
MCOI-5	689.04	07/31/17	WG	pH	8.41	SU	CAMO-17-141988
MCOI-5	689.04	05/09/17	WG	pH	8.56	SU	CAMO-17-132219
MCOI-5	689.04	02/08/17	WG	pH	8.6	SU	CAMO-17-129305
MCOI-5	689.04	11/08/16	WG	pH	8.34	SU	CAMO-17-127222
MCOI-5	689.04	07/25/16	WG	pH	8.72	SU	CAMO-16-124260
MCOI-5	689.04	05/06/16	WG	pH	8.55	SU	CAMO-16-115246
MCOI-5	689.04	02/05/16	WG	pH	8.51	SU	CAMO-16-110015
MCOI-5	689.04	11/10/17	WG	Specific Conductance	330.1	µS/cm	CAMO-18-148070
MCOI-5	689.04	07/31/17	WG	Specific Conductance	299.7	µS/cm	CAMO-17-141988
MCOI-5	689.04	05/09/17	WG	Specific Conductance	288.9	µS/cm	CAMO-17-132219
MCOI-5	689.04	02/08/17	WG	Specific Conductance	286.2	µS/cm	CAMO-17-129305
MCOI-5	689.04	11/08/16	WG	Specific Conductance	283.4	µS/cm	CAMO-17-127222
MCOI-5	689.04	07/25/16	WG	Specific Conductance	282.4	µS/cm	CAMO-16-124260
MCOI-5	689.04	05/06/16	WG	Specific Conductance	254	µS/cm	CAMO-16-115246
MCOI-5	689.04	02/05/16	WG	Specific Conductance	218	µS/cm	CAMO-16-110015

Location	Depth (ft)	Date	Matrix	Analyte	Result	Unit	Sample
MCOI-5	689.04	11/10/17	WG	Temperature	12.6	deg C	CAMO-18-148070
MCOI-5	689.04	07/31/17	WG	Temperature	14.1	deg C	CAMO-17-141988
MCOI-5	689.04	05/09/17	WG	Temperature	13.3	deg C	CAMO-17-132219
MCOI-5	689.04	02/08/17	WG	Temperature	12.3	deg C	CAMO-17-129305
MCOI-5	689.04	11/08/16	WG	Temperature	12.6	deg C	CAMO-17-127222
MCOI-5	689.04	07/25/16	WG	Temperature	14.04	deg C	CAMO-16-124260
MCOI-5	689.04	05/06/16	WG	Temperature	14.79	deg C	CAMO-16-115246
MCOI-5	689.04	02/05/16	WG	Temperature	11.54	deg C	CAMO-16-110015
MCOI-5	689.04	11/10/17	WG	Turbidity	1.01	NTU[d]	CAMO-18-148070
MCOI-5	689.04	07/31/17	WG	Turbidity	3.23	NTU	CAMO-17-141988
MCOI-5	689.04	05/09/17	WG	Turbidity	2.7	NTU	CAMO-17-132219
MCOI-5	689.04	02/08/17	WG	Turbidity	2.86	NTU	CAMO-17-129305
MCOI-5	689.04	11/08/16	WG	Turbidity	3	NTU	CAMO-17-127222
MCOI-5	689.04	07/25/16	WG	Turbidity	2.33	NTU	CAMO-16-124260
MCOI-5	689.04	05/06/16	WG	Turbidity	2.6	NTU	CAMO-16-115246
MCOI-5	689.04	02/05/16	WG	Turbidity	1.6	NTU	CAMO-16-110015
MCOI-6	686.0	11/09/17	WG	Dissolved Oxygen	6.86	mg/L	CAMO-18-148071
MCOI-6	686.0	08/07/17	WG	Dissolved Oxygen	6.92	mg/L	CAMO-17-141989
MCOI-6	686.0	05/11/17	WG	Dissolved Oxygen	7	mg/L	CAMO-17-132220
MCOI-6	686.0	02/08/17	WG	Dissolved Oxygen	6.9	mg/L	CAMO-17-129290
MCOI-6	686.0	11/08/16	WG	Dissolved Oxygen	6.8	mg/L	CAMO-17-127223
MCOI-6	686.0	07/25/16	WG	Dissolved Oxygen	6.86	mg/L	CAMO-16-124261
MCOI-6	686.0	05/05/16	WG	Dissolved Oxygen	6.85	mg/L	CAMO-16-115247
MCOI-6	686.0	02/08/16	WG	Dissolved Oxygen	7.2	mg/L	CAMO-16-110016
MCOI-6	686.0	11/09/17	WG	Flow (in gpm)	1.26	gpm	CAMO-18-148071
MCOI-6	686.0	08/07/17	WG	Flow (in gpm)	1.08	gpm	CAMO-17-141989
MCOI-6	686.0	05/11/17	WG	Flow (in gpm)	1.11	gpm	CAMO-17-132220
MCOI-6	686.0	02/08/17	WG	Flow (in gpm)	1.02	gpm	CAMO-17-129290
MCOI-6	686.0	11/08/16	WG	Flow (in gpm)	1.23	gpm	CAMO-17-127223
MCOI-6	686.0	07/25/16	WG	Flow (in gpm)	1.32	gpm	CAMO-16-124261
MCOI-6	686.0	05/05/16	WG	Flow (in gpm)	1.36	gpm	CAMO-16-115247
MCOI-6	686.0	02/08/16	WG	Flow (in gpm)	1.52	gpm	CAMO-16-110016
MCOI-6	686.0	11/09/17	WG	Oxidation-Reduction Potential	285	mV	CAMO-18-148071
MCOI-6	686.0	08/07/17	WG	Oxidation-Reduction Potential	170.4	mV	CAMO-17-141989
MCOI-6	686.0	05/11/17	WG	Oxidation-Reduction Potential	192.2	mV	CAMO-17-132220
MCOI-6	686.0	02/08/17	WG	Oxidation-Reduction Potential	147	mV	CAMO-17-129290
MCOI-6	686.0	11/08/16	WG	Oxidation-Reduction Potential	150.4	mV	CAMO-17-127223
MCOI-6	686.0	07/25/16	WG	Oxidation-Reduction Potential	279	mV	CAMO-16-124261
MCOI-6	686.0	05/05/16	WG	Oxidation-Reduction Potential	114.8	mV	CAMO-16-115247
MCOI-6	686.0	02/08/16	WG	Oxidation-Reduction Potential	155	mV	CAMO-16-110016

Location	Depth (ft)	Date	Matrix	Analyte	Result	Unit	Sample
MCOI-6	686.0	11/09/17	WG	pH	7.01	SU	CAMO-18-148071
MCOI-6	686.0	08/07/17	WG	pH	6.95	SU	CAMO-17-141989
MCOI-6	686.0	05/11/17	WG	pH	7.03	SU	CAMO-17-132220
MCOI-6	686.0	02/08/17	WG	pH	7.08	SU	CAMO-17-129290
MCOI-6	686.0	11/08/16	WG	pH	6.92	SU	CAMO-17-127223
MCOI-6	686.0	07/25/16	WG	pH	6.95	SU	CAMO-16-124261
MCOI-6	686.0	05/05/16	WG	pH	7.11	SU	CAMO-16-115247
MCOI-6	686.0	02/08/16	WG	pH	7.05	SU	CAMO-16-110016
MCOI-6	686.0	11/09/17	WG	Specific Conductance	556	µS/cm	CAMO-18-148071
MCOI-6	686.0	08/07/17	WG	Specific Conductance	560	µS/cm	CAMO-17-141989
MCOI-6	686.0	05/11/17	WG	Specific Conductance	559	µS/cm	CAMO-17-132220
MCOI-6	686.0	02/08/17	WG	Specific Conductance	561	µS/cm	CAMO-17-129290
MCOI-6	686.0	11/08/16	WG	Specific Conductance	567	µS/cm	CAMO-17-127223
MCOI-6	686.0	07/25/16	WG	Specific Conductance	586.7	µS/cm	CAMO-16-124261
MCOI-6	686.0	05/05/16	WG	Specific Conductance	598	µS/cm	CAMO-16-115247
MCOI-6	686.0	02/08/16	WG	Specific Conductance	572	µS/cm	CAMO-16-110016
MCOI-6	686.0	11/09/17	WG	Temperature	15.4	deg C	CAMO-18-148071
MCOI-6	686.0	08/07/17	WG	Temperature	16.5	deg C	CAMO-17-141989
MCOI-6	686.0	05/11/17	WG	Temperature	15.8	deg C	CAMO-17-132220
MCOI-6	686.0	02/08/17	WG	Temperature	15	deg C	CAMO-17-129290
MCOI-6	686.0	11/08/16	WG	Temperature	15.3	deg C	CAMO-17-127223
MCOI-6	686.0	07/25/16	WG	Temperature	17.1	deg C	CAMO-16-124261
MCOI-6	686.0	05/05/16	WG	Temperature	16.18	deg C	CAMO-16-115247
MCOI-6	686.0	02/08/16	WG	Temperature	14.86	deg C	CAMO-16-110016
MCOI-6	686.0	11/09/17	WG	Turbidity	0.56	NTU	CAMO-18-148071
MCOI-6	686.0	08/07/17	WG	Turbidity	0.39	NTU	CAMO-17-141989
MCOI-6	686.0	05/11/17	WG	Turbidity	0.38	NTU	CAMO-17-132220
MCOI-6	686.0	02/08/17	WG	Turbidity	0.3	NTU	CAMO-17-129290
MCOI-6	686.0	11/08/16	WG	Turbidity	0.87	NTU	CAMO-17-127223
MCOI-6	686.0	07/25/16	WG	Turbidity	0.58	NTU	CAMO-16-124261
MCOI-6	686.0	05/05/16	WG	Turbidity	0.7	NTU	CAMO-16-115247
MCOI-6	686.0	02/08/16	WG	Turbidity	0.9	NTU	CAMO-16-110016
R-1	1031.12	11/09/17	WG	Dissolved Oxygen	6.12	mg/L	CAMO-18-148072
R-1	1031.12	05/15/17	WG	Dissolved Oxygen	6.09	mg/L	CAMO-17-132221
R-1	1031.12	11/15/16	WG	Dissolved Oxygen	6.02	mg/L	CAMO-17-127224
R-1	1031.12	05/04/16	WG	Dissolved Oxygen	5.99	mg/L	CAMO-16-115248
R-1	1031.12	11/20/15	WG	Dissolved Oxygen	5.88	mg/L	CAMO-16-106096
R-1	1031.12	05/04/15	WG	Dissolved Oxygen	5.77	mg/L	CAMO-15-95774
R-1	1031.12	11/09/17	WG	Flow (in gpm)	3.44	gpm	CAMO-18-148072
R-1	1031.12	05/15/17	WG	Flow (in gpm)	3.37	gpm	CAMO-17-132221

Location	Depth (ft)	Date	Matrix	Analyte	Result	Unit	Sample
R-1	1031.12	11/15/16	WG	Flow (in gpm)	3.37	gpm	CAMO-17-127224
R-1	1031.12	05/04/16	WG	Flow (in gpm)	3.4	gpm	CAMO-16-115248
R-1	1031.12	11/20/15	WG	Flow (in gpm)	3.45	gpm	CAMO-16-106096
R-1	1031.12	05/04/15	WG	Flow (in gpm)	3.19	gpm	CAMO-15-95774
R-1	1031.12	11/09/17	WG	Oxidation-Reduction Potential	244.2	mV	CAMO-18-148072
R-1	1031.12	05/15/17	WG	Oxidation-Reduction Potential	126.4	mV	CAMO-17-132221
R-1	1031.12	11/15/16	WG	Oxidation-Reduction Potential	126.4	mV	CAMO-17-127224
R-1	1031.12	05/04/16	WG	Oxidation-Reduction Potential	112.9	mV	CAMO-16-115248
R-1	1031.12	11/20/15	WG	Oxidation-Reduction Potential	99.4	mV	CAMO-16-106096
R-1	1031.12	05/04/15	WG	Oxidation-Reduction Potential	59.9	mV	CAMO-15-95774
R-1	1031.12	11/09/17	WG	pH	7.95	SU	CAMO-18-148072
R-1	1031.12	05/15/17	WG	pH	8.03	SU	CAMO-17-132221
R-1	1031.12	11/15/16	WG	pH	7.82	SU	CAMO-17-127224
R-1	1031.12	05/04/16	WG	pH	7.89	SU	CAMO-16-115248
R-1	1031.12	11/20/15	WG	pH	7.73	SU	CAMO-16-106096
R-1	1031.12	05/04/15	WG	pH	7.76	SU	CAMO-15-95774
R-1	1031.12	11/09/17	WG	Specific Conductance	138	µS/cm	CAMO-18-148072
R-1	1031.12	05/15/17	WG	Specific Conductance	139.4	µS/cm	CAMO-17-132221
R-1	1031.12	11/15/16	WG	Specific Conductance	139.3	µS/cm	CAMO-17-127224
R-1	1031.12	05/04/16	WG	Specific Conductance	149	µS/cm	CAMO-16-115248
R-1	1031.12	11/20/15	WG	Specific Conductance	142	µS/cm	CAMO-16-106096
R-1	1031.12	05/04/15	WG	Specific Conductance	141	µS/cm	CAMO-15-95774
R-1	1031.12	11/09/17	WG	Temperature	20.7	deg C	CAMO-18-148072
R-1	1031.12	05/15/17	WG	Temperature	21.7	deg C	CAMO-17-132221
R-1	1031.12	11/15/16	WG	Temperature	21.5	deg C	CAMO-17-127224
R-1	1031.12	05/04/16	WG	Temperature	21.86	deg C	CAMO-16-115248
R-1	1031.12	11/20/15	WG	Temperature	21.66	deg C	CAMO-16-106096
R-1	1031.12	05/04/15	WG	Temperature	22.31	deg C	CAMO-15-95774
R-1	1031.12	11/09/17	WG	Turbidity	0.36	NTU	CAMO-18-148072
R-1	1031.12	05/15/17	WG	Turbidity	0.33	NTU	CAMO-17-132221
R-1	1031.12	11/15/16	WG	Turbidity	0.43	NTU	CAMO-17-127224
R-1	1031.12	05/04/16	WG	Turbidity	0.2	NTU	CAMO-16-115248
R-1	1031.12	11/20/15	WG	Turbidity	0.28	NTU	CAMO-16-106096
R-1	1031.12	05/04/15	WG	Turbidity	0.2	NTU	CAMO-15-95774
R-11	855.0	11/08/17	WG	Dissolved Oxygen	6.95	mg/L	CASA-18-147998
R-11	855.0	08/01/17	WG	Dissolved Oxygen	6.94	mg/L	CASA-17-142014
R-11	855.0	05/05/17	WG	Dissolved Oxygen	6.67	mg/L	CASA-17-132328
R-11	855.0	02/09/17	WG	Dissolved Oxygen	6.99	mg/L	CASA-17-129324
R-11	855.0	11/16/16	WG	Dissolved Oxygen	6.67	mg/L	CASA-17-127271
R-11	855.0	08/09/16	WG	Dissolved Oxygen	6.82	mg/L	CASA-16-124324

Location	Depth (ft)	Date	Matrix	Analyte	Result	Unit	Sample
R-11	855.0	05/17/16	WG	Dissolved Oxygen	7.04	mg/L	CASA-16-115479
R-11	855.0	02/08/16	WG	Dissolved Oxygen	7.32	mg/L	CASA-16-110054
R-11	855.0	11/08/17	WG	Flow (in gpm)	3.06	gpm	CASA-18-147998
R-11	855.0	08/01/17	WG	Flow (in gpm)	2.94	gpm	CASA-17-142014
R-11	855.0	05/05/17	WG	Flow (in gpm)	2.86	gpm	CASA-17-132328
R-11	855.0	02/09/17	WG	Flow (in gpm)	2.88	gpm	CASA-17-129324
R-11	855.0	11/16/16	WG	Flow (in gpm)	3.03	gpm	CASA-17-127271
R-11	855.0	08/09/16	WG	Flow (in gpm)	2.86	gpm	CASA-16-124324
R-11	855.0	05/17/16	WG	Flow (in gpm)	3	gpm	CASA-16-115479
R-11	855.0	02/08/16	WG	Flow (in gpm)	3.09	gpm	CASA-16-110054
R-11	855.0	11/08/17	WG	Oxidation-Reduction Potential	211.4	mV	CASA-18-147998
R-11	855.0	08/01/17	WG	Oxidation-Reduction Potential	247.8	mV	CASA-17-142014
R-11	855.0	05/05/17	WG	Oxidation-Reduction Potential	181.8	mV	CASA-17-132328
R-11	855.0	02/09/17	WG	Oxidation-Reduction Potential	183.5	mV	CASA-17-129324
R-11	855.0	11/16/16	WG	Oxidation-Reduction Potential	234.9	mV	CASA-17-127271
R-11	855.0	08/09/16	WG	Oxidation-Reduction Potential	167.5	mV	CASA-16-124324
R-11	855.0	05/17/16	WG	Oxidation-Reduction Potential	131.7	mV	CASA-16-115479
R-11	855.0	02/08/16	WG	Oxidation-Reduction Potential	163.5	mV	CASA-16-110054
R-11	855.0	11/08/17	WG	pH	8.23	SU	CASA-18-147998
R-11	855.0	08/01/17	WG	pH	7.76	SU	CASA-17-142014
R-11	855.0	05/05/17	WG	pH	8.4	SU	CASA-17-132328
R-11	855.0	02/09/17	WG	pH	8.21	SU	CASA-17-129324
R-11	855.0	11/16/16	WG	pH	8.3	SU	CASA-17-127271
R-11	855.0	08/09/16	WG	pH	8.33	SU	CASA-16-124324
R-11	855.0	05/17/16	WG	pH	8.18	SU	CASA-16-115479
R-11	855.0	02/08/16	WG	pH	8.05	SU	CASA-16-110054
R-11	855.0	11/08/17	WG	Specific Conductance	211.4	µS/cm	CASA-18-147998
R-11	855.0	08/01/17	WG	Specific Conductance	228.1	µS/cm	CASA-17-142014
R-11	855.0	05/05/17	WG	Specific Conductance	225.8	µS/cm	CASA-17-132328
R-11	855.0	02/09/17	WG	Specific Conductance	226.6	µS/cm	CASA-17-129324
R-11	855.0	11/16/16	WG	Specific Conductance	227.8	µS/cm	CASA-17-127271
R-11	855.0	08/09/16	WG	Specific Conductance	246.5	µS/cm	CASA-16-124324
R-11	855.0	05/17/16	WG	Specific Conductance	266	µS/cm	CASA-16-115479
R-11	855.0	02/08/16	WG	Specific Conductance	229	µS/cm	CASA-16-110054
R-11	855.0	11/08/17	WG	Temperature	21.3	deg C	CASA-18-147998
R-11	855.0	08/01/17	WG	Temperature	21.7	deg C	CASA-17-142014
R-11	855.0	05/05/17	WG	Temperature	22	deg C	CASA-17-132328
R-11	855.0	02/09/17	WG	Temperature	21.4	deg C	CASA-17-129324
R-11	855.0	11/16/16	WG	Temperature	20.9	deg C	CASA-17-127271
R-11	855.0	08/09/16	WG	Temperature	22.18	deg C	CASA-16-124324

Location	Depth (ft)	Date	Matrix	Analyte	Result	Unit	Sample
R-11	855.0	05/17/16	WG	Temperature	21.03	deg C	CASA-16-115479
R-11	855.0	02/08/16	WG	Temperature	21.22	deg C	CASA-16-110054
R-11	855.0	11/08/17	WG	Turbidity	0.34	NTU	CASA-18-147998
R-11	855.0	08/01/17	WG	Turbidity	0.15	NTU	CASA-17-142014
R-11	855.0	05/05/17	WG	Turbidity	0.52	NTU	CASA-17-132328
R-11	855.0	02/09/17	WG	Turbidity	0.27	NTU	CASA-17-129324
R-11	855.0	11/16/16	WG	Turbidity	0.29	NTU	CASA-17-127271
R-11	855.0	08/09/16	WG	Turbidity	0.15	NTU	CASA-16-124324
R-11	855.0	05/17/16	WG	Turbidity	0	NTU	CASA-16-115479
R-11	855.0	02/08/16	WG	Turbidity	0.5	NTU	CASA-16-110054
R-13	958.33	11/08/17	WG	Dissolved Oxygen	6.4	mg/L	CAMO-18-148073
R-13	958.33	08/03/17	WG	Dissolved Oxygen	6.21	mg/L	CAMO-17-141990
R-13	958.33	05/16/17	WG	Dissolved Oxygen	6.32	mg/L	CAMO-17-132222
R-13	958.33	02/10/17	WG	Dissolved Oxygen	6.23	mg/L	CAMO-17-129307
R-13	958.33	11/07/16	WG	Dissolved Oxygen	6.18	mg/L	CAMO-17-127245
R-13	958.33	07/26/16	WG	Dissolved Oxygen	6.44	mg/L	CAMO-16-124286
R-13	958.33	05/18/16	WG	Dissolved Oxygen	6.35	mg/L	CAMO-16-115249
R-13	958.33	02/17/16	WG	Dissolved Oxygen	6.56	mg/L	CAMO-16-110017
R-13	958.33	11/08/17	WG	Flow (in gpm)	5.45	gpm	CAMO-18-148073
R-13	958.33	08/03/17	WG	Flow (in gpm)	5.66	gpm	CAMO-17-141990
R-13	958.33	05/16/17	WG	Flow (in gpm)	5	gpm	CAMO-17-132222
R-13	958.33	02/10/17	WG	Flow (in gpm)	5.45	gpm	CAMO-17-129307
R-13	958.33	11/07/16	WG	Flow (in gpm)	5.76	gpm	CAMO-17-127245
R-13	958.33	07/26/16	WG	Flow (in gpm)	5.36	gpm	CAMO-16-124286
R-13	958.33	05/18/16	WG	Flow (in gpm)	0.19	gpm	CAMO-16-115249
R-13	958.33	02/17/16	WG	Flow (in gpm)	5.66	gpm	CAMO-16-110017
R-13	958.33	11/08/17	WG	Oxidation-Reduction Potential	302.50	mV	CAMO-18-148073
R-13	958.33	08/03/17	WG	Oxidation-Reduction Potential	156.8	mV	CAMO-17-141990
R-13	958.33	05/16/17	WG	Oxidation-Reduction Potential	193	mV	CAMO-17-132222
R-13	958.33	02/10/17	WG	Oxidation-Reduction Potential	230.2	mV	CAMO-17-129307
R-13	958.33	11/07/16	WG	Oxidation-Reduction Potential	187.7	mV	CAMO-17-127245
R-13	958.33	07/26/16	WG	Oxidation-Reduction Potential	292.5	mV	CAMO-16-124286
R-13	958.33	05/18/16	WG	Oxidation-Reduction Potential	151.3	mV	CAMO-16-115249
R-13	958.33	02/17/16	WG	Oxidation-Reduction Potential	119.1	mV	CAMO-16-110017
R-13	958.33	11/08/17	WG	pH	8.35	SU	CAMO-18-148073
R-13	958.33	08/03/17	WG	pH	8.19	SU	CAMO-17-141990
R-13	958.33	05/16/17	WG	pH	8.34	SU	CAMO-17-132222
R-13	958.33	02/10/17	WG	pH	8.34	SU	CAMO-17-129307
R-13	958.33	11/07/16	WG	pH	8.06	SU	CAMO-17-127245
R-13	958.33	07/26/16	WG	pH	8.18	SU	CAMO-16-124286

Location	Depth (ft)	Date	Matrix	Analyte	Result	Unit	Sample
R-13	958.33	05/18/16	WG	pH	8.3	SU	CAMO-16-115249
R-13	958.33	02/17/16	WG	pH	8.17	SU	CAMO-16-110017
R-13	958.33	11/08/17	WG	Specific Conductance	143.3	µS/cm	CAMO-18-148073
R-13	958.33	08/03/17	WG	Specific Conductance	144.2	µS/cm	CAMO-17-141990
R-13	958.33	05/16/17	WG	Specific Conductance	142.7	µS/cm	CAMO-17-132222
R-13	958.33	02/10/17	WG	Specific Conductance	143.4	µS/cm	CAMO-17-129307
R-13	958.33	11/07/16	WG	Specific Conductance	144.6	µS/cm	CAMO-17-127245
R-13	958.33	07/26/16	WG	Specific Conductance	152	µS/cm	CAMO-16-124286
R-13	958.33	05/18/16	WG	Specific Conductance	177	µS/cm	CAMO-16-115249
R-13	958.33	02/17/16	WG	Specific Conductance	145	µS/cm	CAMO-16-110017
R-13	958.33	11/08/17	WG	Temperature	21.4	deg C	CAMO-18-148073
R-13	958.33	08/03/17	WG	Temperature	21.7	deg C	CAMO-17-141990
R-13	958.33	05/16/17	WG	Temperature	21	deg C	CAMO-17-132222
R-13	958.33	02/10/17	WG	Temperature	20.5	deg C	CAMO-17-129307
R-13	958.33	11/07/16	WG	Temperature	21.3	deg C	CAMO-17-127245
R-13	958.33	07/26/16	WG	Temperature	21.97	deg C	CAMO-16-124286
R-13	958.33	02/17/16	WG	Temperature	21.14	deg C	CAMO-16-110017
R-13	958.33	11/10/15	WG	Temperature	21.1	deg C	CAMO-16-106097
R-13	958.33	11/08/17	WG	Turbidity	0.14	NTU	CAMO-18-148073
R-13	958.33	08/03/17	WG	Turbidity	0.24	NTU	CAMO-17-141990
R-13	958.33	05/16/17	WG	Turbidity	0.23	NTU	CAMO-17-132222
R-13	958.33	02/10/17	WG	Turbidity	0.14	NTU	CAMO-17-129307
R-13	958.33	11/07/16	WG	Turbidity	0.34	NTU	CAMO-17-127245
R-13	958.33	07/26/16	WG	Turbidity	0.16	NTU	CAMO-16-124286
R-13	958.33	05/18/16	WG	Turbidity	0.19	NTU	CAMO-16-115249
R-13	958.33	02/17/16	WG	Turbidity	0.34	NTU	CAMO-16-110017
R-15	958.6	11/08/17	WG	Dissolved Oxygen	6.75	mg/L	CAMO-18-148074
R-15	958.6	08/03/17	WG	Dissolved Oxygen	6.62	mg/L	CAMO-17-141991
R-15	958.6	05/15/17	WG	Dissolved Oxygen	6.74	mg/L	CAMO-17-132224
R-15	958.6	02/08/17	WG	Dissolved Oxygen	6.78	mg/L	CAMO-17-129308
R-15	958.6	11/15/16	WG	Dissolved Oxygen	6.62	mg/L	CAMO-17-127227
R-15	958.6	07/26/16	WG	Dissolved Oxygen	7.24	mg/L	CAMO-16-124263
R-15	958.6	05/04/16	WG	Dissolved Oxygen	6.87	mg/L	CAMO-16-115251
R-15	958.6	02/04/16	WG	Dissolved Oxygen	6.93	mg/L	CAMO-16-110018
R-15	958.6	11/08/17	WG	Flow (in gpm)	8.12	gpm	CAMO-18-148074
R-15	958.6	08/03/17	WG	Flow (in gpm)	8.1	gpm	CAMO-17-141991
R-15	958.6	05/15/17	WG	Flow (in gpm)	8.33	gpm	CAMO-17-132224
R-15	958.6	02/08/17	WG	Flow (in gpm)	7.89	gpm	CAMO-17-129308
R-15	958.6	11/15/16	WG	Flow (in gpm)	8.1	gpm	CAMO-17-127227
R-15	958.6	07/26/16	WG	Flow (in gpm)	8.33	gpm	CAMO-16-124263

Location	Depth (ft)	Date	Matrix	Analyte	Result	Unit	Sample
R-15	958.6	05/04/16	WG	Flow (in gpm)	8.82	gpm	CAMO-16-115251
R-15	958.6	02/04/16	WG	Flow (in gpm)	8.8	gpm	CAMO-16-110018
R-15	958.6	11/08/17	WG	Oxidation-Reduction Potential	260.4	mV	CAMO-18-148074
R-15	958.6	08/03/17	WG	Oxidation-Reduction Potential	189.6	mV	CAMO-17-141991
R-15	958.6	05/15/17	WG	Oxidation-Reduction Potential	127.2	mV	CAMO-17-132224
R-15	958.6	02/08/17	WG	Oxidation-Reduction Potential	205.2	mV	CAMO-17-129308
R-15	958.6	11/15/16	WG	Oxidation-Reduction Potential	122.4	mV	CAMO-17-127227
R-15	958.6	07/26/16	WG	Oxidation-Reduction Potential	199.2	mV	CAMO-16-124263
R-15	958.6	05/04/16	WG	Oxidation-Reduction Potential	116.1	mV	CAMO-16-115251
R-15	958.6	02/04/16	WG	Oxidation-Reduction Potential	71.5	mV	CAMO-16-110018
R-15	958.6	11/08/17	WG	pH	8.38	SU	CAMO-18-148074
R-15	958.6	08/03/17	WG	pH	7.84	SU	CAMO-17-141991
R-15	958.6	05/15/17	WG	pH	8.52	SU	CAMO-17-132224
R-15	958.6	02/08/17	WG	pH	8.27	SU	CAMO-17-129308
R-15	958.6	11/15/16	WG	pH	8.44	SU	CAMO-17-127227
R-15	958.6	07/26/16	WG	pH	8.23	SU	CAMO-16-124263
R-15	958.6	05/04/16	WG	pH	8.46	SU	CAMO-16-115251
R-15	958.6	02/04/16	WG	pH	8.15	SU	CAMO-16-110018
R-15	958.6	11/08/17	WG	Specific Conductance	153.9	µS/cm	CAMO-18-148074
R-15	958.6	08/03/17	WG	Specific Conductance	154.6	µS/cm	CAMO-17-141991
R-15	958.6	05/15/17	WG	Specific Conductance	154.6	µS/cm	CAMO-17-132224
R-15	958.6	02/08/17	WG	Specific Conductance	154.4	µS/cm	CAMO-17-129308
R-15	958.6	11/15/16	WG	Specific Conductance	155.4	µS/cm	CAMO-17-127227
R-15	958.6	07/26/16	WG	Specific Conductance	173.6	µS/cm	CAMO-16-124263
R-15	958.6	05/04/16	WG	Specific Conductance	160	µS/cm	CAMO-16-115251
R-15	958.6	02/04/16	WG	Specific Conductance	158	µS/cm	CAMO-16-110018
R-15	958.6	11/08/17	WG	Temperature	18.1	deg C	CAMO-18-148074
R-15	958.6	08/03/17	WG	Temperature	20.2	deg C	CAMO-17-141991
R-15	958.6	05/15/17	WG	Temperature	20.3	deg C	CAMO-17-132224
R-15	958.6	02/08/17	WG	Temperature	19	deg C	CAMO-17-129308
R-15	958.6	11/15/16	WG	Temperature	19.6	deg C	CAMO-17-127227
R-15	958.6	07/26/16	WG	Temperature	19.66	deg C	CAMO-16-124263
R-15	958.6	05/04/16	WG	Temperature	19.64	deg C	CAMO-16-115251
R-15	958.6	02/04/16	WG	Temperature	18.79	deg C	CAMO-16-110018
R-15	958.6	11/08/17	WG	Turbidity	1.24	NTU	CAMO-18-148074
R-15	958.6	08/03/17	WG	Turbidity	0.92	NTU	CAMO-17-141991
R-15	958.6	05/15/17	WG	Turbidity	1.02	NTU	CAMO-17-132224
R-15	958.6	02/08/17	WG	Turbidity	1.2	NTU	CAMO-17-129308
R-15	958.6	11/15/16	WG	Turbidity	0.87	NTU	CAMO-17-127227
R-15	958.6	07/26/16	WG	Turbidity	1.05	NTU	CAMO-16-124263

Location	Depth (ft)	Date	Matrix	Analyte	Result	Unit	Sample
R-15	958.6	05/04/16	WG	Turbidity	0.5	NTU	CAMO-16-115251
R-15	958.6	02/04/16	WG	Turbidity	1.2	NTU	CAMO-16-110018
R-28	934.3	08/02/17	WG	Dissolved Oxygen	6.46	mg/L	CAMO-17-141992
R-28	934.3	05/10/17	WG	Dissolved Oxygen	6.15	mg/L	CAMO-17-132225
R-28	934.3	02/07/17	WG	Dissolved Oxygen	6.63	mg/L	CAMO-17-129309
R-28	934.3	07/25/16	WG	Dissolved Oxygen	6.89	mg/L	CAMO-16-124267
R-28	934.3	05/11/16	WG	Dissolved Oxygen	6.52	mg/L	CAMO-16-115252
R-28	934.3	02/11/16	WG	Dissolved Oxygen	6.89	mg/L	CAMO-16-110019
R-28	934.3	11/16/15	WG	Dissolved Oxygen	6.75	mg/L	CAMO-16-106100
R-28	934.3	08/02/17	WG	Flow (in gpm)	2.5	gpm	CAMO-17-141992
R-28	934.3	05/10/17	WG	Flow (in gpm)	2.75	gpm	CAMO-17-132225
R-28	934.3	02/07/17	WG	Flow (in gpm)	2.56	gpm	CAMO-17-129309
R-28	934.3	07/25/16	WG	Flow (in gpm)	2.18	gpm	CAMO-16-124267
R-28	934.3	05/11/16	WG	Flow (in gpm)	2.48	gpm	CAMO-16-115252
R-28	934.3	02/11/16	WG	Flow (in gpm)	2.54	gpm	CAMO-16-110019
R-28	934.3	11/16/15	WG	Flow (in gpm)	2.56	gpm	CAMO-16-106100
R-28	934.3	08/02/17	WG	Oxidation-Reduction Potential	187.8	mV	CAMO-17-141992
R-28	934.3	05/10/17	WG	Oxidation-Reduction Potential	271.6	mV	CAMO-17-132225
R-28	934.3	02/07/17	WG	Oxidation-Reduction Potential	248.6	mV	CAMO-17-129309
R-28	934.3	07/25/16	WG	Oxidation-Reduction Potential	214.4	mV	CAMO-16-124267
R-28	934.3	05/11/16	WG	Oxidation-Reduction Potential	109.7	mV	CAMO-16-115252
R-28	934.3	02/11/16	WG	Oxidation-Reduction Potential	211.4	mV	CAMO-16-110019
R-28	934.3	11/16/15	WG	Oxidation-Reduction Potential	119.1	mV	CAMO-16-106100
R-28	934.3	08/02/17	WG	pH	7.73	SU	CAMO-17-141992
R-28	934.3	05/10/17	WG	pH	7.87	SU	CAMO-17-132225
R-28	934.3	02/07/17	WG	pH	7.81	SU	CAMO-17-129309
R-28	934.3	07/25/16	WG	pH	7.7	SU	CAMO-16-124267
R-28	934.3	05/11/16	WG	pH	7.71	SU	CAMO-16-115252
R-28	934.3	02/11/16	WG	pH	7.64	SU	CAMO-16-110019
R-28	934.3	11/16/15	WG	pH	7.59	SU	CAMO-16-106100
R-28	934.3	08/02/17	WG	Specific Conductance	442.7	µS/cm	CAMO-17-141992
R-28	934.3	05/10/17	WG	Specific Conductance	453	µS/cm	CAMO-17-132225
R-28	934.3	02/07/17	WG	Specific Conductance	462.5	µS/cm	CAMO-17-129309
R-28	934.3	07/25/16	WG	Specific Conductance	438.4	µS/cm	CAMO-16-124267
R-28	934.3	05/11/16	WG	Specific Conductance	424	µS/cm	CAMO-16-115252
R-28	934.3	02/11/16	WG	Specific Conductance	426	µS/cm	CAMO-16-110019
R-28	934.3	11/16/15	WG	Specific Conductance	434	µS/cm	CAMO-16-106100
R-28	934.3	08/02/17	WG	Temperature	22.1	deg C	CAMO-17-141992
R-28	934.3	05/10/17	WG	Temperature	20.3	deg C	CAMO-17-132225
R-28	934.3	02/07/17	WG	Temperature	21.2	deg C	CAMO-17-129309

Location	Depth (ft)	Date	Matrix	Analyte	Result	Unit	Sample
R-28	934.3	07/25/16	WG	Temperature	21.53	deg C	CAMO-16-124267
R-28	934.3	05/11/16	WG	Temperature	21.3	deg C	CAMO-16-115252
R-28	934.3	02/11/16	WG	Temperature	20.83	deg C	CAMO-16-110019
R-28	934.3	11/16/15	WG	Temperature	20.08	deg C	CAMO-16-106100
R-28	934.3	08/02/17	WG	Turbidity	0.21	NTU	CAMO-17-141992
R-28	934.3	05/10/17	WG	Turbidity	0.28	NTU	CAMO-17-132225
R-28	934.3	02/07/17	WG	Turbidity	0.16	NTU	CAMO-17-129309
R-28	934.3	07/25/16	WG	Turbidity	0.15	NTU	CAMO-16-124267
R-28	934.3	05/11/16	WG	Turbidity	0	NTU	CAMO-16-115252
R-28	934.3	02/11/16	WG	Turbidity	0.3	NTU	CAMO-16-110019
R-28	934.3	11/16/15	WG	Turbidity	0.6	NTU	CAMO-16-106100
R-33 S1	995.5	11/07/17	WG	Dissolved Oxygen	5.34	mg/L	CAMO-18-148075
R-33 S1	995.5	08/01/17	WG	Dissolved Oxygen	5.31	mg/L	CAMO-17-141993
R-33 S1	995.5	05/09/17	WG	Dissolved Oxygen	5.23	mg/L	CAMO-17-132226
R-33 S1	995.5	02/13/17	WG	Dissolved Oxygen	5.21	mg/L	CAMO-17-129310
R-33 S1	995.5	11/14/16	WG	Dissolved Oxygen	5.34	mg/L	CAMO-17-127229
R-33 S1	995.5	07/26/16	WG	Dissolved Oxygen	5.33	mg/L	CAMO-16-124268
R-33 S1	995.5	05/11/16	WG	Dissolved Oxygen	5.09	mg/L	CAMO-16-115253
R-33 S1	995.5	02/05/16	WG	Dissolved Oxygen	5.13	mg/L	CAMO-16-110020
R-33 S1	995.5	11/07/17	WG	Flow (in gpm)	3.15	gpm	CAMO-18-148075
R-33 S1	995.5	08/01/17	WG	Flow (in gpm)	3.3	gpm	CAMO-17-141993
R-33 S1	995.5	05/09/17	WG	Flow (in gpm)	3.19	gpm	CAMO-17-132226
R-33 S1	995.5	02/13/17	WG	Flow (in gpm)	3.06	gpm	CAMO-17-129310
R-33 S1	995.5	11/14/16	WG	Flow (in gpm)	3.16	gpm	CAMO-17-127229
R-33 S1	995.5	07/26/16	WG	Flow (in gpm)	3.15	gpm	CAMO-16-124268
R-33 S1	995.5	05/11/16	WG	Flow (in gpm)	3.3	gpm	CAMO-16-115253
R-33 S1	995.5	02/05/16	WG	Flow (in gpm)	3.2	gpm	CAMO-16-110020
R-33 S1	995.5	11/07/17	WG	Oxidation-Reduction Potential	242.2	mV	CAMO-18-148075
R-33 S1	995.5	08/01/17	WG	Oxidation-Reduction Potential	118.3	mV	CAMO-17-141993
R-33 S1	995.5	05/09/17	WG	Oxidation-Reduction Potential	149.9	mV	CAMO-17-132226
R-33 S1	995.5	02/13/17	WG	Oxidation-Reduction Potential	109.7	mV	CAMO-17-129310
R-33 S1	995.5	11/14/16	WG	Oxidation-Reduction Potential	123.5	mV	CAMO-17-127229
R-33 S1	995.5	07/26/16	WG	Oxidation-Reduction Potential	220	mV	CAMO-16-124268
R-33 S1	995.5	05/11/16	WG	Oxidation-Reduction Potential	114	mV	CAMO-16-115253
R-33 S1	995.5	02/05/16	WG	Oxidation-Reduction Potential	109.1	mV	CAMO-16-110020
R-33 S1	995.5	11/07/17	WG	pH	7.63	SU	CAMO-18-148075
R-33 S1	995.5	08/01/17	WG	pH	7.51	SU	CAMO-17-141993
R-33 S1	995.5	05/09/17	WG	pH	7.59	SU	CAMO-17-132226
R-33 S1	995.5	02/13/17	WG	pH	7.65	SU	CAMO-17-129310
R-33 S1	995.5	11/14/16	WG	pH	7.36	SU	CAMO-17-127229

Location	Depth (ft)	Date	Matrix	Analyte	Result	Unit	Sample
R-33 S1	995.5	07/26/16	WG	pH	7.59	SU	CAMO-16-124268
R-33 S1	995.5	05/11/16	WG	pH	7.6	SU	CAMO-16-115253
R-33 S1	995.5	02/05/16	WG	pH	7.33	SU	CAMO-16-110020
R-33 S1	995.5	11/07/17	WG	Specific Conductance	142.9	µS/cm	CAMO-18-148075
R-33 S1	995.5	08/01/17	WG	Specific Conductance	144.3	µS/cm	CAMO-17-141993
R-33 S1	995.5	05/09/17	WG	Specific Conductance	142.5	µS/cm	CAMO-17-132226
R-33 S1	995.5	02/13/17	WG	Specific Conductance	142.9	µS/cm	CAMO-17-129310
R-33 S1	995.5	11/14/16	WG	Specific Conductance	143.8	µS/cm	CAMO-17-127229
R-33 S1	995.5	07/26/16	WG	Specific Conductance	161.1	µS/cm	CAMO-16-124268
R-33 S1	995.5	05/11/16	WG	Specific Conductance	167	µS/cm	CAMO-16-115253
R-33 S1	995.5	02/05/16	WG	Specific Conductance	147	µS/cm	CAMO-16-110020
R-33 S1	995.5	11/07/17	WG	Temperature	20.6	deg C	CAMO-18-148075
R-33 S1	995.5	08/01/17	WG	Temperature	22.6	deg C	CAMO-17-141993
R-33 S1	995.5	05/09/17	WG	Temperature	18.9	deg C	CAMO-17-132226
R-33 S1	995.5	02/13/17	WG	Temperature	20.9	deg C	CAMO-17-129310
R-33 S1	995.5	11/14/16	WG	Temperature	20.3	deg C	CAMO-17-127229
R-33 S1	995.5	07/26/16	WG	Temperature	21.76	deg C	CAMO-16-124268
R-33 S1	995.5	05/11/16	WG	Temperature	21.25	deg C	CAMO-16-115253
R-33 S1	995.5	02/05/16	WG	Temperature	18.78	deg C	CAMO-16-110020
R-33 S1	995.5	11/07/17	WG	Turbidity	0.28	NTU	CAMO-18-148075
R-33 S1	995.5	08/01/17	WG	Turbidity	0.23	NTU	CAMO-17-141993
R-33 S1	995.5	05/09/17	WG	Turbidity	0.43	NTU	CAMO-17-132226
R-33 S1	995.5	02/13/17	WG	Turbidity	0.44	NTU	CAMO-17-129310
R-33 S1	995.5	11/14/16	WG	Turbidity	0.4	NTU	CAMO-17-127229
R-33 S1	995.5	07/26/16	WG	Turbidity	0.15	NTU	CAMO-16-124268
R-33 S1	995.5	05/11/16	WG	Turbidity	0.32	NTU	CAMO-16-115253
R-33 S1	995.5	02/05/16	WG	Turbidity	0.6	NTU	CAMO-16-110020
R-33 S2	1112.4	11/07/17	WG	Dissolved Oxygen	6.54	mg/L	CAMO-18-148076
R-33 S2	1112.4	08/01/17	WG	Dissolved Oxygen	6.48	mg/L	CAMO-17-141994
R-33 S2	1112.4	05/10/17	WG	Dissolved Oxygen	6.6	mg/L	CAMO-17-132207
R-33 S2	1112.4	02/13/17	WG	Dissolved Oxygen	6.51	mg/L	CAMO-17-129311
R-33 S2	1112.4	11/14/16	WG	Dissolved Oxygen	6.54	mg/L	CAMO-17-127230
R-33 S2	1112.4	07/26/16	WG	Dissolved Oxygen	6.59	mg/L	CAMO-16-124269
R-33 S2	1112.4	05/11/16	WG	Dissolved Oxygen	6.58	mg/L	CAMO-16-115254
R-33 S2	1112.4	02/05/16	WG	Dissolved Oxygen	6.48	mg/L	CAMO-16-110021
R-33 S2	1112.4	11/07/17	WG	Flow (in gpm)	2.91	gpm	CAMO-18-148076
R-33 S2	1112.4	08/01/17	WG	Flow (in gpm)	2.8	gpm	CAMO-17-141994
R-33 S2	1112.4	05/10/17	WG	Flow (in gpm)	2.73	gpm	CAMO-17-132207
R-33 S2	1112.4	02/13/17	WG	Flow (in gpm)	2.78	gpm	CAMO-17-129311
R-33 S2	1112.4	11/14/16	WG	Flow (in gpm)	2.86	gpm	CAMO-17-127230

Location	Depth (ft)	Date	Matrix	Analyte	Result	Unit	Sample
R-33 S2	1112.4	07/26/16	WG	Flow (in gpm)	2.85	gpm	CAMO-16-124269
R-33 S2	1112.4	05/11/16	WG	Flow (in gpm)	3.06	gpm	CAMO-16-115254
R-33 S2	1112.4	02/05/16	WG	Flow (in gpm)	3	gpm	CAMO-16-110021
R-33 S2	1112.4	11/07/17	WG	Oxidation-Reduction Potential	245.8	mV	CAMO-18-148076
R-33 S2	1112.4	08/01/17	WG	Oxidation-Reduction Potential	132.8	mV	CAMO-17-141994
R-33 S2	1112.4	05/10/17	WG	Oxidation-Reduction Potential	158.7	mV	CAMO-17-132207
R-33 S2	1112.4	02/13/17	WG	Oxidation-Reduction Potential	115	mV	CAMO-17-129311
R-33 S2	1112.4	11/14/16	WG	Oxidation-Reduction Potential	113	mV	CAMO-17-127230
R-33 S2	1112.4	07/26/16	WG	Oxidation-Reduction Potential	202.7	mV	CAMO-16-124269
R-33 S2	1112.4	05/11/16	WG	Oxidation-Reduction Potential	107	mV	CAMO-16-115254
R-33 S2	1112.4	02/05/16	WG	Oxidation-Reduction Potential	109.2	mV	CAMO-16-110021
R-33 S2	1112.4	11/07/17	WG	pH	7.76	SU	CAMO-18-148076
R-33 S2	1112.4	08/01/17	WG	pH	7.53	SU	CAMO-17-141994
R-33 S2	1112.4	05/10/17	WG	pH	7.69	SU	CAMO-17-132207
R-33 S2	1112.4	02/13/17	WG	pH	7.76	SU	CAMO-17-129311
R-33 S2	1112.4	11/14/16	WG	pH	7.58	SU	CAMO-17-127230
R-33 S2	1112.4	07/26/16	WG	pH	7.71	SU	CAMO-16-124269
R-33 S2	1112.4	05/11/16	WG	pH	7.74	SU	CAMO-16-115254
R-33 S2	1112.4	02/05/16	WG	pH	7.48	SU	CAMO-16-110021
R-33 S2	1112.4	11/07/17	WG	Specific Conductance	139	µS/cm	CAMO-18-148076
R-33 S2	1112.4	08/01/17	WG	Specific Conductance	139.9	µS/cm	CAMO-17-141994
R-33 S2	1112.4	05/10/17	WG	Specific Conductance	139.4	µS/cm	CAMO-17-132207
R-33 S2	1112.4	02/13/17	WG	Specific Conductance	138.9	µS/cm	CAMO-17-129311
R-33 S2	1112.4	11/14/16	WG	Specific Conductance	140.3	µS/cm	CAMO-17-127230
R-33 S2	1112.4	07/26/16	WG	Specific Conductance	156.9	µS/cm	CAMO-16-124269
R-33 S2	1112.4	05/11/16	WG	Specific Conductance	162	µS/cm	CAMO-16-115254
R-33 S2	1112.4	02/05/16	WG	Specific Conductance	144	µS/cm	CAMO-16-110021
R-33 S2	1112.4	11/07/17	WG	Temperature	20.8	deg C	CAMO-18-148076
R-33 S2	1112.4	08/01/17	WG	Temperature	21.5	deg C	CAMO-17-141994
R-33 S2	1112.4	05/10/17	WG	Temperature	20.6	deg C	CAMO-17-132207
R-33 S2	1112.4	02/13/17	WG	Temperature	20.2	deg C	CAMO-17-129311
R-33 S2	1112.4	11/14/16	WG	Temperature	20.4	deg C	CAMO-17-127230
R-33 S2	1112.4	07/26/16	WG	Temperature	21.45	deg C	CAMO-16-124269
R-33 S2	1112.4	05/11/16	WG	Temperature	21.66	deg C	CAMO-16-115254
R-33 S2	1112.4	02/05/16	WG	Temperature	18.25	deg C	CAMO-16-110021
R-33 S2	1112.4	11/07/17	WG	Turbidity	0.36	NTU	CAMO-18-148076
R-33 S2	1112.4	08/01/17	WG	Turbidity	0.29	NTU	CAMO-17-141994
R-33 S2	1112.4	05/10/17	WG	Turbidity	0.52	NTU	CAMO-17-132207
R-33 S2	1112.4	02/13/17	WG	Turbidity	0.4	NTU	CAMO-17-129311
R-33 S2	1112.4	11/14/16	WG	Turbidity	0.5	NTU	CAMO-17-127230

Location	Depth (ft)	Date	Matrix	Analyte	Result	Unit	Sample
R-33 S2	1112.4	07/26/16	WG	Turbidity	0.17	NTU	CAMO-16-124269
R-33 S2	1112.4	05/11/16	WG	Turbidity	0.39	NTU	CAMO-16-115254
R-33 S2	1112.4	02/05/16	WG	Turbidity	1.1	NTU	CAMO-16-110021
R-35a	1013.1	11/06/17	WG	Dissolved Oxygen	5	mg/L	CASA-18-148007
R-35a	1013.1	07/26/17	WG	Dissolved Oxygen	5.27	mg/L	CASA-17-142015
R-35a	1013.1	05/02/17	WG	Dissolved Oxygen	5.01	mg/L	CASA-17-132329
R-35a	1013.1	02/09/17	WG	Dissolved Oxygen	5.07	mg/L	CASA-17-129331
R-35a	1013.1	11/09/16	WG	Dissolved Oxygen	5.23	mg/L	CASA-17-127272
R-35a	1013.1	08/01/16	WG	Dissolved Oxygen	5.41	mg/L	CASA-16-124327
R-35a	1013.1	05/02/16	WG	Dissolved Oxygen	5.06	mg/L	CASA-16-115480
R-35a	1013.1	02/02/16	WG	Dissolved Oxygen	4.89	mg/L	CASA-16-110055
R-35a	1013.1	11/06/17	WG	Flow (in gpm)	3.79	gpm	CASA-18-148007
R-35a	1013.1	07/26/17	WG	Flow (in gpm)	3.8	gpm	CASA-17-142015
R-35a	1013.1	05/02/17	WG	Flow (in gpm)	3.84	gpm	CASA-17-132329
R-35a	1013.1	02/09/17	WG	Flow (in gpm)	3.8	gpm	CASA-17-129331
R-35a	1013.1	11/09/16	WG	Flow (in gpm)	3.89	gpm	CASA-17-127272
R-35a	1013.1	08/01/16	WG	Flow (in gpm)	3.66	gpm	CASA-16-124327
R-35a	1013.1	05/02/16	WG	Flow (in gpm)	3.85	gpm	CASA-16-115480
R-35a	1013.1	02/02/16	WG	Flow (in gpm)	4.1	gpm	CASA-16-110055
R-35a	1013.1	11/06/17	WG	Oxidation-Reduction Potential	286.9	mV	CASA-18-148007
R-35a	1013.1	07/26/17	WG	Oxidation-Reduction Potential	186.1	mV	CASA-17-142015
R-35a	1013.1	05/02/17	WG	Oxidation-Reduction Potential	191.9	mV	CASA-17-132329
R-35a	1013.1	02/09/17	WG	Oxidation-Reduction Potential	245.9	mV	CASA-17-129331
R-35a	1013.1	11/09/16	WG	Oxidation-Reduction Potential	186.4	mV	CASA-17-127272
R-35a	1013.1	08/01/16	WG	Oxidation-Reduction Potential	282.3	mV	CASA-16-124327
R-35a	1013.1	05/02/16	WG	Oxidation-Reduction Potential	-115.8	mV	CASA-16-115480
R-35a	1013.1	02/02/16	WG	Oxidation-Reduction Potential	135.6	mV	CASA-16-110055
R-35a	1013.1	11/06/17	WG	pH	8.2	SU	CASA-18-148007
R-35a	1013.1	07/26/17	WG	pH	8.08	SU	CASA-17-142015
R-35a	1013.1	05/02/17	WG	pH	8.15	SU	CASA-17-132329
R-35a	1013.1	02/09/17	WG	pH	8.08	SU	CASA-17-129331
R-35a	1013.1	11/09/16	WG	pH	7.93	SU	CASA-17-127272
R-35a	1013.1	08/01/16	WG	pH	8	SU	CASA-16-124327
R-35a	1013.1	05/02/16	WG	pH	8	SU	CASA-16-115480
R-35a	1013.1	02/02/16	WG	pH	8.07	SU	CASA-16-110055
R-35a	1013.1	11/06/17	WG	Specific Conductance	242.6	µS/cm	CASA-18-148007
R-35a	1013.1	07/26/17	WG	Specific Conductance	242.6	µS/cm	CASA-17-142015
R-35a	1013.1	05/02/17	WG	Specific Conductance	242.8	µS/cm	CASA-17-132329
R-35a	1013.1	02/09/17	WG	Specific Conductance	242.8	µS/cm	CASA-17-129331
R-35a	1013.1	11/09/16	WG	Specific Conductance	242	µS/cm	CASA-17-127272

Location	Depth (ft)	Date	Matrix	Analyte	Result	Unit	Sample
R-35a	1013.1	08/01/16	WG	Specific Conductance	263	µS/cm	CASA-16-124327
R-35a	1013.1	05/02/16	WG	Specific Conductance	263	µS/cm	CASA-16-115480
R-35a	1013.1	02/02/16	WG	Specific Conductance	239	µS/cm	CASA-16-110055
R-35a	1013.1	11/06/17	WG	Temperature	23.7	deg C	CASA-18-148007
R-35a	1013.1	07/26/17	WG	Temperature	24.7	deg C	CASA-17-142015
R-35a	1013.1	05/02/17	WG	Temperature	23.6	deg C	CASA-17-132329
R-35a	1013.1	02/09/17	WG	Temperature	23.6	deg C	CASA-17-129331
R-35a	1013.1	11/09/16	WG	Temperature	22	deg C	CASA-17-127272
R-35a	1013.1	08/01/16	WG	Temperature	25.2	deg C	CASA-16-124327
R-35a	1013.1	05/02/16	WG	Temperature	23.29	deg C	CASA-16-115480
R-35a	1013.1	02/02/16	WG	Temperature	21.98	deg C	CASA-16-110055
R-35a	1013.1	11/06/17	WG	Turbidity	0.53	NTU	CASA-18-148007
R-35a	1013.1	07/26/17	WG	Turbidity	0.5	NTU	CASA-17-142015
R-35a	1013.1	05/02/17	WG	Turbidity	0.45	NTU	CASA-17-132329
R-35a	1013.1	02/09/17	WG	Turbidity	0.49	NTU	CASA-17-129331
R-35a	1013.1	11/09/16	WG	Turbidity	0.82	NTU	CASA-17-127272
R-35a	1013.1	08/01/16	WG	Turbidity	0.93	NTU	CASA-16-124327
R-35a	1013.1	05/02/16	WG	Turbidity	1	NTU	CASA-16-115480
R-35a	1013.1	02/02/16	WG	Turbidity	0.6	NTU	CASA-16-110055
R-35b	825.4	11/06/17	WG	Dissolved Oxygen	6.22	mg/L	CASA-18-148008
R-35b	825.4	07/26/17	WG	Dissolved Oxygen	6.25	mg/L	CASA-17-142016
R-35b	825.4	05/02/17	WG	Dissolved Oxygen	6.54	mg/L	CASA-17-132330
R-35b	825.4	02/09/17	WG	Dissolved Oxygen	6.05	mg/L	CASA-17-129332
R-35b	825.4	11/09/16	WG	Dissolved Oxygen	6.32	mg/L	CASA-17-127273
R-35b	825.4	08/01/16	WG	Dissolved Oxygen	5.96	mg/L	CASA-16-124328
R-35b	825.4	05/02/16	WG	Dissolved Oxygen	6.29	mg/L	CASA-16-115481
R-35b	825.4	02/02/16	WG	Dissolved Oxygen	6.07	mg/L	CASA-16-110056
R-35b	825.4	11/06/17	WG	Flow (in gpm)	3.12	gpm	CASA-18-148008
R-35b	825.4	07/26/17	WG	Flow (in gpm)	2.97	gpm	CASA-17-142016
R-35b	825.4	05/02/17	WG	Flow (in gpm)	3.19	gpm	CASA-17-132330
R-35b	825.4	02/09/17	WG	Flow (in gpm)	2.75	gpm	CASA-17-129332
R-35b	825.4	11/09/16	WG	Flow (in gpm)	3.03	gpm	CASA-17-127273
R-35b	825.4	08/01/16	WG	Flow (in gpm)	2.44	gpm	CASA-16-124328
R-35b	825.4	05/02/16	WG	Flow (in gpm)	3.06	gpm	CASA-16-115481
R-35b	825.4	02/02/16	WG	Flow (in gpm)	3.03	gpm	CASA-16-110056
R-35b	825.4	11/06/17	WG	Oxidation-Reduction Potential	129.2	mV	CASA-18-148008
R-35b	825.4	07/26/17	WG	Oxidation-Reduction Potential	200.9	mV	CASA-17-142016
R-35b	825.4	05/02/17	WG	Oxidation-Reduction Potential	261.9	mV	CASA-17-132330
R-35b	825.4	02/09/17	WG	Oxidation-Reduction Potential	163.8	mV	CASA-17-129332
R-35b	825.4	11/09/16	WG	Oxidation-Reduction Potential	201.4	mV	CASA-17-127273

Location	Depth (ft)	Date	Matrix	Analyte	Result	Unit	Sample
R-35b	825.4	08/01/16	WG	Oxidation-Reduction Potential	246	mV	CASA-16-124328
R-35b	825.4	05/02/16	WG	Oxidation-Reduction Potential	175.2	mV	CASA-16-115481
R-35b	825.4	02/02/16	WG	Oxidation-Reduction Potential	99.2	mV	CASA-16-110056
R-35b	825.4	11/06/17	WG	pH	7.55	SU	CASA-18-148008
R-35b	825.4	07/26/17	WG	pH	7.37	SU	CASA-17-142016
R-35b	825.4	05/02/17	WG	pH	7.65	SU	CASA-17-132330
R-35b	825.4	02/09/17	WG	pH	7.59	SU	CASA-17-129332
R-35b	825.4	11/09/16	WG	pH	7.59	SU	CASA-17-127273
R-35b	825.4	08/01/16	WG	pH	7.59	SU	CASA-16-124328
R-35b	825.4	05/02/16	WG	pH	7.59	SU	CASA-16-115481
R-35b	825.4	02/02/16	WG	pH	7.48	SU	CASA-16-110056
R-35b	825.4	11/06/17	WG	Specific Conductance	170.2	µS/cm	CASA-18-148008
R-35b	825.4	07/26/17	WG	Specific Conductance	170.9	µS/cm	CASA-17-142016
R-35b	825.4	05/02/17	WG	Specific Conductance	168.4	µS/cm	CASA-17-132330
R-35b	825.4	02/09/17	WG	Specific Conductance	170	µS/cm	CASA-17-129332
R-35b	825.4	11/09/16	WG	Specific Conductance	170.2	µS/cm	CASA-17-127273
R-35b	825.4	08/01/16	WG	Specific Conductance	202	µS/cm	CASA-16-124328
R-35b	825.4	05/02/16	WG	Specific Conductance	180	µS/cm	CASA-16-115481
R-35b	825.4	02/02/16	WG	Specific Conductance	171	µS/cm	CASA-16-110056
R-35b	825.4	11/06/17	WG	Temperature	21.5	deg C	CASA-18-148008
R-35b	825.4	07/26/17	WG	Temperature	22.6	deg C	CASA-17-142016
R-35b	825.4	05/02/17	WG	Temperature	21.5	deg C	CASA-17-132330
R-35b	825.4	02/09/17	WG	Temperature	21.6	deg C	CASA-17-129332
R-35b	825.4	11/09/16	WG	Temperature	19.5	deg C	CASA-17-127273
R-35b	825.4	08/01/16	WG	Temperature	21.58	deg C	CASA-16-124328
R-35b	825.4	05/02/16	WG	Temperature	20.1	deg C	CASA-16-115481
R-35b	825.4	02/02/16	WG	Temperature	19.84	deg C	CASA-16-110056
R-35b	825.4	11/06/17	WG	Turbidity	0.28	NTU	CASA-18-148008
R-35b	825.4	07/26/17	WG	Turbidity	0.31	NTU	CASA-17-142016
R-35b	825.4	05/02/17	WG	Turbidity	0.58	NTU	CASA-17-132330
R-35b	825.4	02/09/17	WG	Turbidity	0.23	NTU	CASA-17-129332
R-35b	825.4	11/09/16	WG	Turbidity	0.54	NTU	CASA-17-127273
R-35b	825.4	08/01/16	WG	Turbidity	0.22	NTU	CASA-16-124328
R-35b	825.4	05/02/16	WG	Turbidity	0.56	NTU	CASA-16-115481
R-35b	825.4	02/02/16	WG	Turbidity	0.3	NTU	CASA-16-110056
R-36	766.9	11/06/17	WG	Dissolved Oxygen	5.7	mg/L	CASA-18-147999
R-36	766.9	07/26/17	WG	Dissolved Oxygen	5.7	mg/L	CASA-17-142017
R-36	766.9	05/05/17	WG	Dissolved Oxygen	5.64	mg/L	CASA-17-132331
R-36	766.9	02/14/17	WG	Dissolved Oxygen	5.56	mg/L	CASA-17-129333
R-36	766.9	11/10/16	WG	Dissolved Oxygen	5.67	mg/L	CASA-17-127274

Location	Depth (ft)	Date	Matrix	Analyte	Result	Unit	Sample
R-36	766.9	08/01/16	WG	Dissolved Oxygen	5.65	mg/L	CASA-16-124329
R-36	766.9	05/17/16	WG	Dissolved Oxygen	5.8	mg/L	CASA-16-115482
R-36	766.9	02/08/16	WG	Dissolved Oxygen	5.84	mg/L	CASA-16-110057
R-36	766.9	11/06/17	WG	Flow (in gpm)	3.52	gpm	CASA-18-147999
R-36	766.9	07/26/17	WG	Flow (in gpm)	3.45	gpm	CASA-17-142017
R-36	766.9	05/05/17	WG	Flow (in gpm)	3.45	gpm	CASA-17-132331
R-36	766.9	02/14/17	WG	Flow (in gpm)	3.33	gpm	CASA-17-129333
R-36	766.9	11/10/16	WG	Flow (in gpm)	3.45	gpm	CASA-17-127274
R-36	766.9	08/01/16	WG	Flow (in gpm)	3.41	gpm	CASA-16-124329
R-36	766.9	05/17/16	WG	Flow (in gpm)	3.45	gpm	CASA-16-115482
R-36	766.9	02/08/16	WG	Flow (in gpm)	3.45	gpm	CASA-16-110057
R-36	766.9	11/06/17	WG	Oxidation-Reduction Potential	147.7	mV	CASA-18-147999
R-36	766.9	07/26/17	WG	Oxidation-Reduction Potential	157.5	mV	CASA-17-142017
R-36	766.9	05/05/17	WG	Oxidation-Reduction Potential	203.3	mV	CASA-17-132331
R-36	766.9	02/14/17	WG	Oxidation-Reduction Potential	180.3	mV	CASA-17-129333
R-36	766.9	11/10/16	WG	Oxidation-Reduction Potential	150.7	mV	CASA-17-127274
R-36	766.9	08/01/16	WG	Oxidation-Reduction Potential	226.3	mV	CASA-16-124329
R-36	766.9	05/17/16	WG	Oxidation-Reduction Potential	182.6	mV	CASA-16-115482
R-36	766.9	02/08/16	WG	Oxidation-Reduction Potential	140.9	mV	CASA-16-110057
R-36	766.9	11/06/17	WG	pH	7.32	SU	CASA-18-147999
R-36	766.9	07/26/17	WG	pH	7.3	SU	CASA-17-142017
R-36	766.9	05/05/17	WG	pH	7.23	SU	CASA-17-132331
R-36	766.9	02/14/17	WG	pH	7.43	SU	CASA-17-129333
R-36	766.9	11/10/16	WG	pH	7.19	SU	CASA-17-127274
R-36	766.9	08/01/16	WG	pH	7.37	SU	CASA-16-124329
R-36	766.9	05/17/16	WG	pH	7.36	SU	CASA-16-115482
R-36	766.9	02/08/16	WG	pH	7.21	SU	CASA-16-110057
R-36	766.9	11/06/17	WG	Specific Conductance	191.3	µS/cm	CASA-18-147999
R-36	766.9	07/26/17	WG	Specific Conductance	192.3	µS/cm	CASA-17-142017
R-36	766.9	05/05/17	WG	Specific Conductance	191.1	µS/cm	CASA-17-132331
R-36	766.9	02/14/17	WG	Specific Conductance	191.3	µS/cm	CASA-17-129333
R-36	766.9	11/10/16	WG	Specific Conductance	192.6	µS/cm	CASA-17-127274
R-36	766.9	08/01/16	WG	Specific Conductance	224.4	µS/cm	CASA-16-124329
R-36	766.9	05/17/16	WG	Specific Conductance	197	µS/cm	CASA-16-115482
R-36	766.9	02/08/16	WG	Specific Conductance	195	µS/cm	CASA-16-110057
R-36	766.9	11/06/17	WG	Temperature	20.6	deg C	CASA-18-147999
R-36	766.9	07/26/17	WG	Temperature	21.3	deg C	CASA-17-142017
R-36	766.9	05/05/17	WG	Temperature	20.8	deg C	CASA-17-132331
R-36	766.9	02/14/17	WG	Temperature	20	deg C	CASA-17-129333
R-36	766.9	11/10/16	WG	Temperature	19.8	deg C	CASA-17-127274

Location	Depth (ft)	Date	Matrix	Analyte	Result	Unit	Sample
R-36	766.9	08/01/16	WG	Temperature	20.96	deg C	CASA-16-124329
R-36	766.9	05/17/16	WG	Temperature	20.37	deg C	CASA-16-115482
R-36	766.9	02/08/16	WG	Temperature	20.49	deg C	CASA-16-110057
R-36	766.9	11/06/17	WG	Turbidity	0.37	NTU	CASA-18-147999
R-36	766.9	07/26/17	WG	Turbidity	0.46	NTU	CASA-17-142017
R-36	766.9	05/05/17	WG	Turbidity	0.47	NTU	CASA-17-132331
R-36	766.9	02/14/17	WG	Turbidity	0.76	NTU	CASA-17-129333
R-36	766.9	11/10/16	WG	Turbidity	0.59	NTU	CASA-17-127274
R-36	766.9	08/01/16	WG	Turbidity	0.23	NTU	CASA-16-124329
R-36	766.9	05/17/16	WG	Turbidity	1.71	NTU	CASA-16-115482
R-36	766.9	02/08/16	WG	Turbidity	0.1	NTU	CASA-16-110057
R-42	931.8	07/28/17	WG	Dissolved Oxygen	7.42	mg/L	CAMO-17-141995
R-42	931.8	05/10/17	WG	Dissolved Oxygen	7.43	mg/L	CAMO-17-132228
R-42	931.8	05/04/16	WG	Dissolved Oxygen	7.07	mg/L	CAMO-16-115256
R-42	931.8	02/04/16	WG	Dissolved Oxygen	7.17	mg/L	CAMO-16-110023
R-42	931.8	11/16/15	WG	Dissolved Oxygen	7.09	mg/L	CAMO-16-106104
R-42	931.8	08/12/15	WG	Dissolved Oxygen	7	mg/L	CAMO-15-102583
R-42	931.8	07/28/17	WG	Flow (in gpm)	2.52	gpm	CAMO-17-141995
R-42	931.8	05/10/17	WG	Flow (in gpm)	2.4	gpm	CAMO-17-132228
R-42	931.8	05/04/16	WG	Flow (in gpm)	3	gpm	CAMO-16-115256
R-42	931.8	02/04/16	WG	Flow (in gpm)	3.2	gpm	CAMO-16-110023
R-42	931.8	11/16/15	WG	Flow (in gpm)	3	gpm	CAMO-16-106104
R-42	931.8	08/12/15	WG	Flow (in gpm)	3.06	gpm	CAMO-15-102583
R-42	931.8	07/28/17	WG	Oxidation-Reduction Potential	221.5	mV	CAMO-17-141995
R-42	931.8	05/10/17	WG	Oxidation-Reduction Potential	242.5	mV	CAMO-17-132228
R-42	931.8	05/04/16	WG	Oxidation-Reduction Potential	-92.3	mV	CAMO-16-115256
R-42	931.8	02/04/16	WG	Oxidation-Reduction Potential	108.1	mV	CAMO-16-110023
R-42	931.8	11/16/15	WG	Oxidation-Reduction Potential	124	mV	CAMO-16-106104
R-42	931.8	08/12/15	WG	Oxidation-Reduction Potential	165.2	mV	CAMO-15-102583
R-42	931.8	07/28/17	WG	pH	8.74	SU	CAMO-17-141995
R-42	931.8	05/10/17	WG	pH	9.05	SU	CAMO-17-132228
R-42	931.8	05/04/16	WG	pH	7.46	SU	CAMO-16-115256
R-42	931.8	02/04/16	WG	pH	7.38	SU	CAMO-16-110023
R-42	931.8	11/16/15	WG	pH	7.43	SU	CAMO-16-106104
R-42	931.8	08/12/15	WG	pH	7.43	SU	CAMO-15-102583
R-42	931.8	07/28/17	WG	Specific Conductance	565	µS/cm	CAMO-17-141995
R-42	931.8	05/10/17	WG	Specific Conductance	596	µS/cm	CAMO-17-132228
R-42	931.8	05/04/16	WG	Specific Conductance	534	µS/cm	CAMO-16-115256
R-42	931.8	02/04/16	WG	Specific Conductance	525	µS/cm	CAMO-16-110023
R-42	931.8	11/16/15	WG	Specific Conductance	518	µS/cm	CAMO-16-106104

Location	Depth (ft)	Date	Matrix	Analyte	Result	Unit	Sample
R-42	931.8	08/12/15	WG	Specific Conductance	519	µS/cm	CAMO-15-102583
R-42	931.8	07/28/17	WG	Temperature	20.2	deg C	CAMO-17-141995
R-42	931.8	05/10/17	WG	Temperature	19.2	deg C	CAMO-17-132228
R-42	931.8	05/04/16	WG	Temperature	19.3	deg C	CAMO-16-115256
R-42	931.8	02/04/16	WG	Temperature	18.74	deg C	CAMO-16-110023
R-42	931.8	11/16/15	WG	Temperature	18.64	deg C	CAMO-16-106104
R-42	931.8	08/12/15	WG	Temperature	20.73	deg C	CAMO-15-102583
R-42	931.8	07/28/17	WG	Turbidity	0.18	NTU	CAMO-17-141995
R-42	931.8	05/10/17	WG	Turbidity	0.35	NTU	CAMO-17-132228
R-42	931.8	05/04/16	WG	Turbidity	1.1	NTU	CAMO-16-115256
R-42	931.8	02/04/16	WG	Turbidity	1.2	NTU	CAMO-16-110023
R-42	931.8	11/16/15	WG	Turbidity	0.9	NTU	CAMO-16-106104
R-42	931.8	08/12/15	WG	Turbidity	0.7	NTU	CAMO-15-102583
R-43 S1	903.9	11/09/17	WG	Dissolved Oxygen	6.95	mg/L	CASA-18-148000
R-43 S1	903.9	08/09/17	WG	Dissolved Oxygen	6.89	mg/L	CASA-17-142018
R-43 S1	903.9	05/08/17	WG	Dissolved Oxygen	6.89	mg/L	CASA-17-132332
R-43 S1	903.9	02/13/17	WG	Dissolved Oxygen	6.92	mg/L	CASA-17-129334
R-43 S1	903.9	11/14/16	WG	Dissolved Oxygen	6.99	mg/L	CASA-17-127275
R-43 S1	903.9	08/02/16	WG	Dissolved Oxygen	6.91	mg/L	CASA-16-124330
R-43 S1	903.9	05/13/16	WG	Dissolved Oxygen	7.01	mg/L	CASA-16-115483
R-43 S1	903.9	02/16/16	WG	Dissolved Oxygen	6.94	mg/L	CASA-16-110058
R-43 S1	903.9	11/09/17	WG	Flow (in gpm)	1.54	gpm	CASA-18-148000
R-43 S1	903.9	08/09/17	WG	Flow (in gpm)	1.41	gpm	CASA-17-142018
R-43 S1	903.9	05/08/17	WG	Flow (in gpm)	1.36	gpm	CASA-17-132332
R-43 S1	903.9	02/13/17	WG	Flow (in gpm)	1.44	gpm	CASA-17-129334
R-43 S1	903.9	11/14/16	WG	Flow (in gpm)	1.59	gpm	CASA-17-127275
R-43 S1	903.9	08/02/16	WG	Flow (in gpm)	1.44	gpm	CASA-16-124330
R-43 S1	903.9	05/13/16	WG	Flow (in gpm)	1.62	gpm	CASA-16-115483
R-43 S1	903.9	02/16/16	WG	Flow (in gpm)	1.55	gpm	CASA-16-110058
R-43 S1	903.9	11/09/17	WG	Oxidation-Reduction Potential	184.9	mV	CASA-18-148000
R-43 S1	903.9	08/09/17	WG	Oxidation-Reduction Potential	243.4	mV	CASA-17-142018
R-43 S1	903.9	05/08/17	WG	Oxidation-Reduction Potential	212.9	mV	CASA-17-132332
R-43 S1	903.9	02/13/17	WG	Oxidation-Reduction Potential	219.7	mV	CASA-17-129334
R-43 S1	903.9	11/14/16	WG	Oxidation-Reduction Potential	202.8	mV	CASA-17-127275
R-43 S1	903.9	08/02/16	WG	Oxidation-Reduction Potential	278.8	mV	CASA-16-124330
R-43 S1	903.9	05/13/16	WG	Oxidation-Reduction Potential	161.4	mV	CASA-16-115483
R-43 S1	903.9	02/16/16	WG	Oxidation-Reduction Potential	160.9	mV	CASA-16-110058
R-43 S1	903.9	11/09/17	WG	pH	8.04	SU	CASA-18-148000
R-43 S1	903.9	08/09/17	WG	pH	7.66	SU	CASA-17-142018
R-43 S1	903.9	05/08/17	WG	pH	8.01	SU	CASA-17-132332

Location	Depth (ft)	Date	Matrix	Analyte	Result	Unit	Sample
R-43 S1	903.9	02/13/17	WG	pH	7.79	SU	CASA-17-129334
R-43 S1	903.9	11/14/16	WG	pH	8.08	SU	CASA-17-127275
R-43 S1	903.9	08/02/16	WG	pH	8	SU	CASA-16-124330
R-43 S1	903.9	05/13/16	WG	pH	8.26	SU	CASA-16-115483
R-43 S1	903.9	02/16/16	WG	pH	8.2	SU	CASA-16-110058
R-43 S1	903.9	11/09/17	WG	Specific Conductance	195.7	µS/cm	CASA-18-148000
R-43 S1	903.9	08/09/17	WG	Specific Conductance	196.9	µS/cm	CASA-17-142018
R-43 S1	903.9	05/08/17	WG	Specific Conductance	198.4	µS/cm	CASA-17-132332
R-43 S1	903.9	02/13/17	WG	Specific Conductance	196.9	µS/cm	CASA-17-129334
R-43 S1	903.9	11/14/16	WG	Specific Conductance	196.9	µS/cm	CASA-17-127275
R-43 S1	903.9	08/02/16	WG	Specific Conductance	214.1	µS/cm	CASA-16-124330
R-43 S1	903.9	05/13/16	WG	Specific Conductance	216	µS/cm	CASA-16-115483
R-43 S1	903.9	02/16/16	WG	Specific Conductance	196	µS/cm	CASA-16-110058
R-43 S1	903.9	11/09/17	WG	Temperature	19.4	deg C	CASA-18-148000
R-43 S1	903.9	08/09/17	WG	Temperature	19.5	deg C	CASA-17-142018
R-43 S1	903.9	05/08/17	WG	Temperature	20.2	deg C	CASA-17-132332
R-43 S1	903.9	02/13/17	WG	Temperature	18	deg C	CASA-17-129334
R-43 S1	903.9	11/14/16	WG	Temperature	19	deg C	CASA-17-127275
R-43 S1	903.9	08/02/16	WG	Temperature	21.31	deg C	CASA-16-124330
R-43 S1	903.9	05/13/16	WG	Temperature	20.48	deg C	CASA-16-115483
R-43 S1	903.9	02/16/16	WG	Temperature	20.17	deg C	CASA-16-110058
R-43 S1	903.9	11/09/17	WG	Turbidity	0.29	NTU	CASA-18-148000
R-43 S1	903.9	08/09/17	WG	Turbidity	0.51	NTU	CASA-17-142018
R-43 S1	903.9	05/08/17	WG	Turbidity	0.44	NTU	CASA-17-132332
R-43 S1	903.9	02/13/17	WG	Turbidity	0.81	NTU	CASA-17-129334
R-43 S1	903.9	11/14/16	WG	Turbidity	0.71	NTU	CASA-17-127275
R-43 S1	903.9	08/02/16	WG	Turbidity	0.82	NTU	CASA-16-124330
R-43 S1	903.9	05/13/16	WG	Turbidity	0.7	NTU	CASA-16-115483
R-43 S1	903.9	02/16/16	WG	Turbidity	0.3	NTU	CASA-16-110058
R-43 S2	969.1	11/09/17	WG	Dissolved Oxygen	3.34	mg/L	CASA-18-148001
R-43 S2	969.1	08/04/17	WG	Dissolved Oxygen	3.38	mg/L	CASA-17-142019
R-43 S2	969.1	05/08/17	WG	Dissolved Oxygen	3.42	mg/L	CASA-17-132333
R-43 S2	969.1	02/13/17	WG	Dissolved Oxygen	3.61	mg/L	CASA-17-129329
R-43 S2	969.1	11/14/16	WG	Dissolved Oxygen	3.36	mg/L	CASA-17-127295
R-43 S2	969.1	08/02/16	WG	Dissolved Oxygen	3.39	mg/L	CASA-16-124331
R-43 S2	969.1	05/12/16	WG	Dissolved Oxygen	3.63	mg/L	CASA-16-115484
R-43 S2	969.1	02/16/16	WG	Dissolved Oxygen	5.13	mg/L	CASA-16-110059
R-43 S2	969.1	11/09/17	WG	Flow (in gpm)	1.6	gpm	CASA-18-148001
R-43 S2	969.1	08/04/17	WG	Flow (in gpm)	1.34	gpm	CASA-17-142019
R-43 S2	969.1	05/08/17	WG	Flow (in gpm)	1.52	gpm	CASA-17-132333

Location	Depth (ft)	Date	Matrix	Analyte	Result	Unit	Sample
R-43 S2	969.1	02/13/17	WG	Flow (in gpm)	1.44	gpm	CASA-17-129329
R-43 S2	969.1	11/14/16	WG	Flow (in gpm)	1.61	gpm	CASA-17-127295
R-43 S2	969.1	08/02/16	WG	Flow (in gpm)	1.46	gpm	CASA-16-124331
R-43 S2	969.1	05/12/16	WG	Flow (in gpm)	1.58	gpm	CASA-16-115484
R-43 S2	969.1	02/16/16	WG	Flow (in gpm)	1.69	gpm	CASA-16-110059
R-43 S2	969.1	11/09/17	WG	Oxidation-Reduction Potential	140.8	mV	CASA-18-148001
R-43 S2	969.1	08/04/17	WG	Oxidation-Reduction Potential	169.5	mV	CASA-17-142019
R-43 S2	969.1	05/08/17	WG	Oxidation-Reduction Potential	173.1	mV	CASA-17-132333
R-43 S2	969.1	02/13/17	WG	Oxidation-Reduction Potential	173.3	mV	CASA-17-129329
R-43 S2	969.1	11/14/16	WG	Oxidation-Reduction Potential	179.9	mV	CASA-17-127295
R-43 S2	969.1	08/02/16	WG	Oxidation-Reduction Potential	267.3	mV	CASA-16-124331
R-43 S2	969.1	05/12/16	WG	Oxidation-Reduction Potential	148.9	mV	CASA-16-115484
R-43 S2	969.1	02/16/16	WG	Oxidation-Reduction Potential	95.4	mV	CASA-16-110059
R-43 S2	969.1	11/09/17	WG	pH	8.74	SU	CASA-18-148001
R-43 S2	969.1	08/04/17	WG	pH	8.78	SU	CASA-17-142019
R-43 S2	969.1	05/08/17	WG	pH	8.72	SU	CASA-17-132333
R-43 S2	969.1	02/13/17	WG	pH	8.7	SU	CASA-17-129329
R-43 S2	969.1	11/14/16	WG	pH	8.68	SU	CASA-17-127295
R-43 S2	969.1	08/02/16	WG	pH	8.73	SU	CASA-16-124331
R-43 S2	969.1	05/12/16	WG	pH	8.66	SU	CASA-16-115484
R-43 S2	969.1	02/16/16	WG	pH	8.63	SU	CASA-16-110059
R-43 S2	969.1	11/09/17	WG	Specific Conductance	194.9	µS/cm	CASA-18-148001
R-43 S2	969.1	08/04/17	WG	Specific Conductance	194.9	µS/cm	CASA-17-142019
R-43 S2	969.1	05/08/17	WG	Specific Conductance	194.1	µS/cm	CASA-17-132333
R-43 S2	969.1	02/13/17	WG	Specific Conductance	193.4	µS/cm	CASA-17-129329
R-43 S2	969.1	11/14/16	WG	Specific Conductance	197.4	µS/cm	CASA-17-127295
R-43 S2	969.1	08/02/16	WG	Specific Conductance	213	µS/cm	CASA-16-124331
R-43 S2	969.1	05/12/16	WG	Specific Conductance	218	µS/cm	CASA-16-115484
R-43 S2	969.1	02/16/16	WG	Specific Conductance	199	µS/cm	CASA-16-110059
R-43 S2	969.1	11/09/17	WG	Temperature	19.5	deg C	CASA-18-148001
R-43 S2	969.1	08/04/17	WG	Temperature	19.3	deg C	CASA-17-142019
R-43 S2	969.1	05/08/17	WG	Temperature	19.8	deg C	CASA-17-132333
R-43 S2	969.1	02/13/17	WG	Temperature	17.2	deg C	CASA-17-129329
R-43 S2	969.1	11/14/16	WG	Temperature	19.2	deg C	CASA-17-127295
R-43 S2	969.1	08/02/16	WG	Temperature	20.43	deg C	CASA-16-124331
R-43 S2	969.1	05/12/16	WG	Temperature	20.54	deg C	CASA-16-115484
R-43 S2	969.1	02/16/16	WG	Temperature	19.99	deg C	CASA-16-110059
R-43 S2	969.1	11/09/17	WG	Turbidity	0.17	NTU	CASA-18-148001
R-43 S2	969.1	08/04/17	WG	Turbidity	0.22	NTU	CASA-17-142019
R-43 S2	969.1	05/08/17	WG	Turbidity	0.19	NTU	CASA-17-132333

Location	Depth (ft)	Date	Matrix	Analyte	Result	Unit	Sample
R-43 S2	969.1	02/13/17	WG	Turbidity	0.15	NTU	CASA-17-129329
R-43 S2	969.1	11/14/16	WG	Turbidity	0.52	NTU	CASA-17-127295
R-43 S2	969.1	08/02/16	WG	Turbidity	0.24	NTU	CASA-16-124331
R-43 S2	969.1	05/12/16	WG	Turbidity	0.7	NTU	CASA-16-115484
R-43 S2	969.1	02/16/16	WG	Turbidity	0.2	NTU	CASA-16-110059
R-44 S1	895.0	12/18/17	WG	Dissolved Oxygen	7.01	mg/L	CAMO-18-150340
R-44 S1	895.0	11/20/17	WG	Dissolved Oxygen	7.09	mg/L	CAMO-18-148077
R-44 S1	895.0	10/30/17	WG	Dissolved Oxygen	6.86	mg/L	CAMO-18-147653
R-44 S1	895.0	08/03/17	WG	Dissolved Oxygen	6.92	mg/L	CAMO-17-142308
R-44 S1	895.0	05/18/17	WG	Dissolved Oxygen	6.91	mg/L	CAMO-17-133048
R-44 S1	895.0	02/10/17	WG	Dissolved Oxygen	6.8	mg/L	CAMO-17-129313
R-44 S1	895.0	11/07/16	WG	Dissolved Oxygen	7.08	mg/L	CAMO-17-127252
R-44 S1	895.0	07/26/16	WG	Dissolved Oxygen	6.97	mg/L	CAMO-16-124296
R-44 S1	895.0	05/03/16	WG	Dissolved Oxygen	6.94	mg/L	CAMO-16-115257
R-44 S1	895.0	02/09/16	WG	Dissolved Oxygen	6.86	mg/L	CAMO-16-110024
R-44 S1	895.0	12/18/17	WG	Flow (in gpm)	3.44	gpm	CAMO-18-150340
R-44 S1	895.0	11/20/17	WG	Flow (in gpm)	3.26	gpm	CAMO-18-148077
R-44 S1	895.0	10/30/17	WG	Flow (in gpm)	3.33	gpm	CAMO-18-147653
R-44 S1	895.0	08/03/17	WG	Flow (in gpm)	3.26	gpm	CAMO-17-142308
R-44 S1	895.0	05/18/17	WG	Flow (in gpm)	3.49	gpm	CAMO-17-133048
R-44 S1	895.0	02/10/17	WG	Flow (in gpm)	3.53	gpm	CAMO-17-129313
R-44 S1	895.0	11/07/16	WG	Flow (in gpm)	3.26	gpm	CAMO-17-127252
R-44 S1	895.0	07/26/16	WG	Flow (in gpm)	3.23	gpm	CAMO-16-124296
R-44 S1	895.0	05/03/16	WG	Flow (in gpm)	3.3	gpm	CAMO-16-115257
R-44 S1	895.0	02/09/16	WG	Flow (in gpm)	3.45	gpm	CAMO-16-110024
R-44 S1	895.0	12/18/17	WG	Oxidation-Reduction Potential	168.5	mV	CAMO-18-150340
R-44 S1	895.0	11/20/17	WG	Oxidation-Reduction Potential	236.2	mV	CAMO-18-148077
R-44 S1	895.0	10/30/17	WG	Oxidation-Reduction Potential	213.2	mV	CAMO-18-147653
R-44 S1	895.0	08/03/17	WG	Oxidation-Reduction Potential	191.8	mV	CAMO-17-142308
R-44 S1	895.0	05/18/17	WG	Oxidation-Reduction Potential	233.3	mV	CAMO-17-133048
R-44 S1	895.0	02/10/17	WG	Oxidation-Reduction Potential	149.3	mV	CAMO-17-129313
R-44 S1	895.0	11/07/16	WG	Oxidation-Reduction Potential	183.6	mV	CAMO-17-127252
R-44 S1	895.0	07/26/16	WG	Oxidation-Reduction Potential	261.9	mV	CAMO-16-124296
R-44 S1	895.0	05/03/16	WG	Oxidation-Reduction Potential	157.2	mV	CAMO-16-115257
R-44 S1	895.0	02/09/16	WG	Oxidation-Reduction Potential	151	mV	CAMO-16-110024
R-44 S1	895.0	12/18/17	WG	pH	7.78	SU	CAMO-18-150340
R-44 S1	895.0	11/20/17	WG	pH	7.74	SU	CAMO-18-148077
R-44 S1	895.0	10/30/17	WG	pH	7.84	SU	CAMO-18-147653
R-44 S1	895.0	08/03/17	WG	pH	7.71	SU	CAMO-17-142308
R-44 S1	895.0	05/18/17	WG	pH	7.8	SU	CAMO-17-133048

Location	Depth (ft)	Date	Matrix	Analyte	Result	Unit	Sample
R-44 S1	895.0	02/10/17	WG	pH	7.84	SU	CAMO-17-129313
R-44 S1	895.0	11/07/16	WG	pH	7.65	SU	CAMO-17-127252
R-44 S1	895.0	07/26/16	WG	pH	7.84	SU	CAMO-16-124296
R-44 S1	895.0	05/03/16	WG	pH	7.83	SU	CAMO-16-115257
R-44 S1	895.0	02/09/16	WG	pH	7.78	SU	CAMO-16-110024
R-44 S1	895.0	12/18/17	WG	Specific Conductance	134.4	µS/cm	CAMO-18-150340
R-44 S1	895.0	11/20/17	WG	Specific Conductance	134.3	µS/cm	CAMO-18-148077
R-44 S1	895.0	10/30/17	WG	Specific Conductance	133.7	µS/cm	CAMO-18-147653
R-44 S1	895.0	08/03/17	WG	Specific Conductance	134.9	µS/cm	CAMO-17-142308
R-44 S1	895.0	05/18/17	WG	Specific Conductance	135.4	µS/cm	CAMO-17-133048
R-44 S1	895.0	02/10/17	WG	Specific Conductance	135.1	µS/cm	CAMO-17-129313
R-44 S1	895.0	11/07/16	WG	Specific Conductance	135.3	µS/cm	CAMO-17-127252
R-44 S1	895.0	07/26/16	WG	Specific Conductance	143.6	µS/cm	CAMO-16-124296
R-44 S1	895.0	05/03/16	WG	Specific Conductance	145	µS/cm	CAMO-16-115257
R-44 S1	895.0	02/09/16	WG	Specific Conductance	139	µS/cm	CAMO-16-110024
R-44 S1	895.0	12/18/17	WG	Temperature	20.5	deg C	CAMO-18-150340
R-44 S1	895.0	11/20/17	WG	Temperature	20.1	deg C	CAMO-18-148077
R-44 S1	895.0	10/30/17	WG	Temperature	19.6	deg C	CAMO-18-147653
R-44 S1	895.0	08/03/17	WG	Temperature	21.2	deg C	CAMO-17-142308
R-44 S1	895.0	05/18/17	WG	Temperature	20.4	deg C	CAMO-17-133048
R-44 S1	895.0	02/10/17	WG	Temperature	20.9	deg C	CAMO-17-129313
R-44 S1	895.0	11/07/16	WG	Temperature	20.4	deg C	CAMO-17-127252
R-44 S1	895.0	07/26/16	WG	Temperature	21.68	deg C	CAMO-16-124296
R-44 S1	895.0	05/03/16	WG	Temperature	20.5	deg C	CAMO-16-115257
R-44 S1	895.0	02/09/16	WG	Temperature	20.47	deg C	CAMO-16-110024
R-44 S1	895.0	12/18/17	WG	Turbidity	0.15	NTU	CAMO-18-150340
R-44 S1	895.0	11/20/17	WG	Turbidity	0.18	NTU	CAMO-18-148077
R-44 S1	895.0	10/30/17	WG	Turbidity	0.51	NTU	CAMO-18-147653
R-44 S1	895.0	08/03/17	WG	Turbidity	0.4	NTU	CAMO-17-142308
R-44 S1	895.0	05/18/17	WG	Turbidity	0.31	NTU	CAMO-17-133048
R-44 S1	895.0	02/10/17	WG	Turbidity	1.1	NTU	CAMO-17-129313
R-44 S1	895.0	11/07/16	WG	Turbidity	0.15	NTU	CAMO-17-127252
R-44 S1	895.0	07/26/16	WG	Turbidity	0.27	NTU	CAMO-16-124296
R-44 S1	895.0	05/03/16	WG	Turbidity	0.2	NTU	CAMO-16-115257
R-44 S1	895.0	02/09/16	WG	Turbidity	0.73	NTU	CAMO-16-110024
R-44 S2	985.3	12/18/17	WG	Dissolved Oxygen	7.06	mg/L	CAMO-18-150341
R-44 S2	985.3	11/20/17	WG	Dissolved Oxygen	6.9	mg/L	CAMO-18-148078
R-44 S2	985.3	10/30/17	WG	Dissolved Oxygen	6.98	mg/L	CAMO-18-147654
R-44 S2	985.3	08/03/17	WG	Dissolved Oxygen	6.99	mg/L	CAMO-17-142309
R-44 S2	985.3	05/18/17	WG	Dissolved Oxygen	6.89	mg/L	CAMO-17-133049

Location	Depth (ft)	Date	Matrix	Analyte	Result	Unit	Sample
R-44 S2	985.3	02/17/17	WG	Dissolved Oxygen	7.08	mg/L	CAMO-17-129314
R-44 S2	985.3	11/07/16	WG	Dissolved Oxygen	6.82	mg/L	CAMO-17-127253
R-44 S2	985.3	07/26/16	WG	Dissolved Oxygen	6.92	mg/L	CAMO-16-124297
R-44 S2	985.3	05/03/16	WG	Dissolved Oxygen	6.99	mg/L	CAMO-16-115258
R-44 S2	985.3	02/09/16	WG	Dissolved Oxygen	7.15	mg/L	CAMO-16-110025
R-44 S2	985.3	12/18/17	WG	Flow (in gpm)	3.33	gpm	CAMO-18-150341
R-44 S2	985.3	11/20/17	WG	Flow (in gpm)	3.3	gpm	CAMO-18-148078
R-44 S2	985.3	10/30/17	WG	Flow (in gpm)	3.33	gpm	CAMO-18-147654
R-44 S2	985.3	08/03/17	WG	Flow (in gpm)	3.45	gpm	CAMO-17-142309
R-44 S2	985.3	05/18/17	WG	Flow (in gpm)	3.33	gpm	CAMO-17-133049
R-44 S2	985.3	02/17/17	WG	Flow (in gpm)	3.29	gpm	CAMO-17-129314
R-44 S2	985.3	11/07/16	WG	Flow (in gpm)	3.5	gpm	CAMO-17-127253
R-44 S2	985.3	07/26/16	WG	Flow (in gpm)	3.26	gpm	CAMO-16-124297
R-44 S2	985.3	05/03/16	WG	Flow (in gpm)	3.33	gpm	CAMO-16-115258
R-44 S2	985.3	02/09/16	WG	Flow (in gpm)	3.45	gpm	CAMO-16-110025
R-44 S2	985.3	12/18/17	WG	Oxidation-Reduction Potential	175.6	mV	CAMO-18-150341
R-44 S2	985.3	11/20/17	WG	Oxidation-Reduction Potential	250.5	mV	CAMO-18-148078
R-44 S2	985.3	10/30/17	WG	Oxidation-Reduction Potential	254.1	mV	CAMO-18-147654
R-44 S2	985.3	08/03/17	WG	Oxidation-Reduction Potential	204.1	mV	CAMO-17-142309
R-44 S2	985.3	05/18/17	WG	Oxidation-Reduction Potential	241.1	mV	CAMO-17-133049
R-44 S2	985.3	02/17/17	WG	Oxidation-Reduction Potential	215.8	mV	CAMO-17-129314
R-44 S2	985.3	11/07/16	WG	Oxidation-Reduction Potential	169.1	mV	CAMO-17-127253
R-44 S2	985.3	07/26/16	WG	Oxidation-Reduction Potential	272.5	mV	CAMO-16-124297
R-44 S2	985.3	05/03/16	WG	Oxidation-Reduction Potential	164.3	mV	CAMO-16-115258
R-44 S2	985.3	02/09/16	WG	Oxidation-Reduction Potential	142.7	mV	CAMO-16-110025
R-44 S2	985.3	12/18/17	WG	pH	7.87	SU	CAMO-18-150341
R-44 S2	985.3	11/20/17	WG	pH	7.84	SU	CAMO-18-148078
R-44 S2	985.3	10/30/17	WG	pH	7.9	SU	CAMO-18-147654
R-44 S2	985.3	08/03/17	WG	pH	7.81	SU	CAMO-17-142309
R-44 S2	985.3	05/18/17	WG	pH	7.94	SU	CAMO-17-133049
R-44 S2	985.3	02/17/17	WG	pH	7.89	SU	CAMO-17-129314
R-44 S2	985.3	11/07/16	WG	pH	7.76	SU	CAMO-17-127253
R-44 S2	985.3	07/26/16	WG	pH	7.87	SU	CAMO-16-124297
R-44 S2	985.3	05/03/16	WG	pH	7.94	SU	CAMO-16-115258
R-44 S2	985.3	02/09/16	WG	pH	7.85	SU	CAMO-16-110025
R-44 S2	985.3	12/18/17	WG	Specific Conductance	141.2	µS/cm	CAMO-18-150341
R-44 S2	985.3	11/20/17	WG	Specific Conductance	139.9	µS/cm	CAMO-18-148078
R-44 S2	985.3	10/30/17	WG	Specific Conductance	140.1	µS/cm	CAMO-18-147654
R-44 S2	985.3	08/03/17	WG	Specific Conductance	140.7	µS/cm	CAMO-17-142309
R-44 S2	985.3	05/18/17	WG	Specific Conductance	141.2	µS/cm	CAMO-17-133049

Location	Depth (ft)	Date	Matrix	Analyte	Result	Unit	Sample
R-44 S2	985.3	02/17/17	WG	Specific Conductance	140.9	µS/cm	CAMO-17-129314
R-44 S2	985.3	11/07/16	WG	Specific Conductance	145.7	µS/cm	CAMO-17-127253
R-44 S2	985.3	07/26/16	WG	Specific Conductance	152.1	µS/cm	CAMO-16-124297
R-44 S2	985.3	05/03/16	WG	Specific Conductance	153	µS/cm	CAMO-16-115258
R-44 S2	985.3	02/09/16	WG	Specific Conductance	147	µS/cm	CAMO-16-110025
R-44 S2	985.3	12/18/17	WG	Temperature	20.2	deg C	CAMO-18-150341
R-44 S2	985.3	11/20/17	WG	Temperature	20.3	deg C	CAMO-18-148078
R-44 S2	985.3	10/30/17	WG	Temperature	19.8	deg C	CAMO-18-147654
R-44 S2	985.3	08/03/17	WG	Temperature	21.4	deg C	CAMO-17-142309
R-44 S2	985.3	05/18/17	WG	Temperature	20.9	deg C	CAMO-17-133049
R-44 S2	985.3	02/17/17	WG	Temperature	20.3	deg C	CAMO-17-129314
R-44 S2	985.3	11/07/16	WG	Temperature	20.7	deg C	CAMO-17-127253
R-44 S2	985.3	07/26/16	WG	Temperature	22.11	deg C	CAMO-16-124297
R-44 S2	985.3	05/03/16	WG	Temperature	20.91	deg C	CAMO-16-115258
R-44 S2	985.3	02/09/16	WG	Temperature	20.8	deg C	CAMO-16-110025
R-44 S2	985.3	12/18/17	WG	Turbidity	0.17	NTU	CAMO-18-150341
R-44 S2	985.3	11/20/17	WG	Turbidity	0.21	NTU	CAMO-18-148078
R-44 S2	985.3	10/30/17	WG	Turbidity	0.59	NTU	CAMO-18-147654
R-44 S2	985.3	08/03/17	WG	Turbidity	0.19	NTU	CAMO-17-142309
R-44 S2	985.3	05/18/17	WG	Turbidity	0.24	NTU	CAMO-17-133049
R-44 S2	985.3	02/17/17	WG	Turbidity	0.09	NTU	CAMO-17-129314
R-44 S2	985.3	11/07/16	WG	Turbidity	4.1	NTU	CAMO-17-127253
R-44 S2	985.3	07/26/16	WG	Turbidity	0.18	NTU	CAMO-16-124297
R-44 S2	985.3	05/03/16	WG	Turbidity	0.2	NTU	CAMO-16-115258
R-44 S2	985.3	02/09/16	WG	Turbidity	0.49	NTU	CAMO-16-110025
R-45 S1	880.0	12/18/17	WG	Dissolved Oxygen	7.15	mg/L	CAMO-18-150342
R-45 S1	880.0	11/20/17	WG	Dissolved Oxygen	6.95	mg/L	CAMO-18-148079
R-45 S1	880.0	10/31/17	WG	Dissolved Oxygen	6.97	mg/L	CAMO-18-147655
R-45 S1	880.0	08/02/17	WG	Dissolved Oxygen	7.19	mg/L	CAMO-17-142310
R-45 S1	880.0	05/17/17	WG	Dissolved Oxygen	7.14	mg/L	CAMO-17-133050
R-45 S1	880.0	02/07/17	WG	Dissolved Oxygen	7.16	mg/L	CAMO-17-129315
R-45 S1	880.0	11/17/16	WG	Dissolved Oxygen	7.2	mg/L	CAMO-17-127234
R-45 S1	880.0	07/28/16	WG	Dissolved Oxygen	7.04	mg/L	CAMO-16-124274
R-45 S1	880.0	05/10/16	WG	Dissolved Oxygen	7.05	mg/L	CAMO-16-115259
R-45 S1	880.0	02/10/16	WG	Dissolved Oxygen	7.19	mg/L	CAMO-16-110026
R-45 S1	880.0	12/18/17	WG	Flow (in gpm)	3.57	gpm	CAMO-18-150342
R-45 S1	880.0	11/20/17	WG	Flow (in gpm)	3.53	gpm	CAMO-18-148079
R-45 S1	880.0	10/31/17	WG	Flow (in gpm)	3.52	gpm	CAMO-18-147655
R-45 S1	880.0	08/02/17	WG	Flow (in gpm)	3.06	gpm	CAMO-17-142310
R-45 S1	880.0	05/17/17	WG	Flow (in gpm)	3.44	gpm	CAMO-17-133050

Location	Depth (ft)	Date	Matrix	Analyte	Result	Unit	Sample
R-45 S1	880.0	02/07/17	WG	Flow (in gpm)	3.26	gpm	CAMO-17-129315
R-45 S1	880.0	11/17/16	WG	Flow (in gpm)	3.49	gpm	CAMO-17-127234
R-45 S1	880.0	07/28/16	WG	Flow (in gpm)	3.33	gpm	CAMO-16-124274
R-45 S1	880.0	05/10/16	WG	Flow (in gpm)	3.41	gpm	CAMO-16-115259
R-45 S1	880.0	02/10/16	WG	Flow (in gpm)	3.53	gpm	CAMO-16-110026
R-45 S1	880.0	12/18/17	WG	Oxidation-Reduction Potential	211.2	mV	CAMO-18-150342
R-45 S1	880.0	11/20/17	WG	Oxidation-Reduction Potential	241.3	mV	CAMO-18-148079
R-45 S1	880.0	10/31/17	WG	Oxidation-Reduction Potential	230.7	mV	CAMO-18-147655
R-45 S1	880.0	08/02/17	WG	Oxidation-Reduction Potential	227.9	mV	CAMO-17-142310
R-45 S1	880.0	05/17/17	WG	Oxidation-Reduction Potential	135.7	mV	CAMO-17-133050
R-45 S1	880.0	02/07/17	WG	Oxidation-Reduction Potential	167.2	mV	CAMO-17-129315
R-45 S1	880.0	11/17/16	WG	Oxidation-Reduction Potential	278.4	mV	CAMO-17-127234
R-45 S1	880.0	07/28/16	WG	Oxidation-Reduction Potential	275.9	mV	CAMO-16-124274
R-45 S1	880.0	05/10/16	WG	Oxidation-Reduction Potential	169.2	mV	CAMO-16-115259
R-45 S1	880.0	02/10/16	WG	Oxidation-Reduction Potential	143.1	mV	CAMO-16-110026
R-45 S1	880.0	12/18/17	WG	pH	7.83	SU	CAMO-18-150342
R-45 S1	880.0	11/20/17	WG	pH	7.78	SU	CAMO-18-148079
R-45 S1	880.0	10/31/17	WG	pH	7.64	SU	CAMO-18-147655
R-45 S1	880.0	08/02/17	WG	pH	7.73	SU	CAMO-17-142310
R-45 S1	880.0	05/17/17	WG	pH	7.68	SU	CAMO-17-133050
R-45 S1	880.0	02/07/17	WG	pH	7.91	SU	CAMO-17-129315
R-45 S1	880.0	11/17/16	WG	pH	7.78	SU	CAMO-17-127234
R-45 S1	880.0	07/28/16	WG	pH	7.67	SU	CAMO-16-124274
R-45 S1	880.0	05/10/16	WG	pH	7.81	SU	CAMO-16-115259
R-45 S1	880.0	02/10/16	WG	pH	7.77	SU	CAMO-16-110026
R-45 S1	880.0	12/18/17	WG	Specific Conductance	192.6	µS/cm	CAMO-18-150342
R-45 S1	880.0	11/20/17	WG	Specific Conductance	188	µS/cm	CAMO-18-148079
R-45 S1	880.0	10/31/17	WG	Specific Conductance	192.4	µS/cm	CAMO-18-147655
R-45 S1	880.0	08/02/17	WG	Specific Conductance	191.6	µS/cm	CAMO-17-142310
R-45 S1	880.0	05/17/17	WG	Specific Conductance	188.9	µS/cm	CAMO-17-133050
R-45 S1	880.0	02/07/17	WG	Specific Conductance	188.8	µS/cm	CAMO-17-129315
R-45 S1	880.0	11/17/16	WG	Specific Conductance	189	µS/cm	CAMO-17-127234
R-45 S1	880.0	07/28/16	WG	Specific Conductance	198.7	µS/cm	CAMO-16-124274
R-45 S1	880.0	05/10/16	WG	Specific Conductance	194	µS/cm	CAMO-16-115259
R-45 S1	880.0	02/10/16	WG	Specific Conductance	189	µS/cm	CAMO-16-110026
R-45 S1	880.0	12/18/17	WG	Temperature	20	deg C	CAMO-18-150342
R-45 S1	880.0	11/20/17	WG	Temperature	19.6	deg C	CAMO-18-148079
R-45 S1	880.0	10/31/17	WG	Temperature	20.1	deg C	CAMO-18-147655
R-45 S1	880.0	08/02/17	WG	Temperature	20.9	deg C	CAMO-17-142310
R-45 S1	880.0	05/17/17	WG	Temperature	20.5	deg C	CAMO-17-133050

Location	Depth (ft)	Date	Matrix	Analyte	Result	Unit	Sample
R-45 S1	880.0	02/07/17	WG	Temperature	19.8	deg C	CAMO-17-129315
R-45 S1	880.0	11/17/16	WG	Temperature	20.2	deg C	CAMO-17-127234
R-45 S1	880.0	07/28/16	WG	Temperature	21.33	deg C	CAMO-16-124274
R-45 S1	880.0	05/10/16	WG	Temperature	20.77	deg C	CAMO-16-115259
R-45 S1	880.0	02/10/16	WG	Temperature	19.93	deg C	CAMO-16-110026
R-45 S1	880.0	12/18/17	WG	Turbidity	0.25	NTU	CAMO-18-150342
R-45 S1	880.0	11/20/17	WG	Turbidity	0.28	NTU	CAMO-18-148079
R-45 S1	880.0	10/31/17	WG	Turbidity	0.29	NTU	CAMO-18-147655
R-45 S1	880.0	08/02/17	WG	Turbidity	0.27	NTU	CAMO-17-142310
R-45 S1	880.0	05/17/17	WG	Turbidity	0.16	NTU	CAMO-17-133050
R-45 S1	880.0	02/07/17	WG	Turbidity	1.45	NTU	CAMO-17-129315
R-45 S1	880.0	11/17/16	WG	Turbidity	0.46	NTU	CAMO-17-127234
R-45 S1	880.0	07/28/16	WG	Turbidity	0.22	NTU	CAMO-16-124274
R-45 S1	880.0	05/10/16	WG	Turbidity	0.3	NTU	CAMO-16-115259
R-45 S1	880.0	02/10/16	WG	Turbidity	0	NTU	CAMO-16-110026
R-45 S2	974.9	12/18/17	WG	Dissolved Oxygen	6.24	mg/L	CAMO-18-150343
R-45 S2	974.9	10/31/17	WG	Dissolved Oxygen	7.04	mg/L	CAMO-18-147656
R-45 S2	974.9	08/02/17	WG	Dissolved Oxygen	6.32	mg/L	CAMO-17-142311
R-45 S2	974.9	05/17/17	WG	Dissolved Oxygen	5.99	mg/L	CAMO-17-133051
R-45 S2	974.9	02/07/17	WG	Dissolved Oxygen	6.1	mg/L	CAMO-17-129316
R-45 S2	974.9	11/17/16	WG	Dissolved Oxygen	6.2	mg/L	CAMO-17-127235
R-45 S2	974.9	07/28/16	WG	Dissolved Oxygen	6.27	mg/L	CAMO-16-124275
R-45 S2	974.9	05/10/16	WG	Dissolved Oxygen	5.96	mg/L	CAMO-16-115260
R-45 S2	974.9	02/10/16	WG	Dissolved Oxygen	6.2	mg/L	CAMO-16-110027
R-45 S2	974.9	12/18/17	WG	Flow (in gpm)	3.61	gpm	CAMO-18-150343
R-45 S2	974.9	10/31/17	WG	Flow (in gpm)	3.61	gpm	CAMO-18-147656
R-45 S2	974.9	08/02/17	WG	Flow (in gpm)	3.44	gpm	CAMO-17-142311
R-45 S2	974.9	05/17/17	WG	Flow (in gpm)	3.4	gpm	CAMO-17-133051
R-45 S2	974.9	02/07/17	WG	Flow (in gpm)	3.33	gpm	CAMO-17-129316
R-45 S2	974.9	11/17/16	WG	Flow (in gpm)	3.41	gpm	CAMO-17-127235
R-45 S2	974.9	07/28/16	WG	Flow (in gpm)	3.33	gpm	CAMO-16-124275
R-45 S2	974.9	05/10/16	WG	Flow (in gpm)	3.53	gpm	CAMO-16-115260
R-45 S2	974.9	02/10/16	WG	Flow (in gpm)	3.53	gpm	CAMO-16-110027
R-45 S2	974.9	12/18/17	WG	Oxidation-Reduction Potential	231	mV	CAMO-18-150343
R-45 S2	974.9	10/31/17	WG	Oxidation-Reduction Potential	240.3	mV	CAMO-18-147656
R-45 S2	974.9	08/02/17	WG	Oxidation-Reduction Potential	232.7	mV	CAMO-17-142311
R-45 S2	974.9	05/17/17	WG	Oxidation-Reduction Potential	84.6	mV	CAMO-17-133051
R-45 S2	974.9	02/07/17	WG	Oxidation-Reduction Potential	170.7	mV	CAMO-17-129316
R-45 S2	974.9	11/17/16	WG	Oxidation-Reduction Potential	282.3	mV	CAMO-17-127235
R-45 S2	974.9	07/28/16	WG	Oxidation-Reduction Potential	288.7	mV	CAMO-16-124275

Location	Depth (ft)	Date	Matrix	Analyte	Result	Unit	Sample
R-45 S2	974.9	05/10/16	WG	Oxidation-Reduction Potential	143.6	mV	CAMO-16-115260
R-45 S2	974.9	02/10/16	WG	Oxidation-Reduction Potential	134.9	mV	CAMO-16-110027
R-45 S2	974.9	12/18/17	WG	pH	8.1	SU	CAMO-18-150343
R-45 S2	974.9	10/31/17	WG	pH	7.82	SU	CAMO-18-147656
R-45 S2	974.9	08/02/17	WG	pH	8.04	SU	CAMO-17-142311
R-45 S2	974.9	05/17/17	WG	pH	8.22	SU	CAMO-17-133051
R-45 S2	974.9	02/07/17	WG	pH	8.35	SU	CAMO-17-129316
R-45 S2	974.9	11/17/16	WG	pH	8.24	SU	CAMO-17-127235
R-45 S2	974.9	07/28/16	WG	pH	8.21	SU	CAMO-16-124275
R-45 S2	974.9	05/10/16	WG	pH	8.37	SU	CAMO-16-115260
R-45 S2	974.9	02/10/16	WG	pH	8.23	SU	CAMO-16-110027
R-45 S2	974.9	12/18/17	WG	Specific Conductance	174.4	µS/cm	CAMO-18-150343
R-45 S2	974.9	10/31/17	WG	Specific Conductance	193.1	µS/cm	CAMO-18-147656
R-45 S2	974.9	08/02/17	WG	Specific Conductance	173.8	µS/cm	CAMO-17-142311
R-45 S2	974.9	05/17/17	WG	Specific Conductance	173.6	µS/cm	CAMO-17-133051
R-45 S2	974.9	02/07/17	WG	Specific Conductance	173.6	µS/cm	CAMO-17-129316
R-45 S2	974.9	11/17/16	WG	Specific Conductance	173.3	µS/cm	CAMO-17-127235
R-45 S2	974.9	07/28/16	WG	Specific Conductance	180.9	µS/cm	CAMO-16-124275
R-45 S2	974.9	05/10/16	WG	Specific Conductance	178	µS/cm	CAMO-16-115260
R-45 S2	974.9	02/10/16	WG	Specific Conductance	176	µS/cm	CAMO-16-110027
R-45 S2	974.9	12/18/17	WG	Temperature	21	deg C	CAMO-18-150343
R-45 S2	974.9	10/31/17	WG	Temperature	20.9	deg C	CAMO-18-147656
R-45 S2	974.9	08/02/17	WG	Temperature	21.6	deg C	CAMO-17-142311
R-45 S2	974.9	05/17/17	WG	Temperature	20.8	deg C	CAMO-17-133051
R-45 S2	974.9	02/07/17	WG	Temperature	19.8	deg C	CAMO-17-129316
R-45 S2	974.9	11/17/16	WG	Temperature	19.1	deg C	CAMO-17-127235
R-45 S2	974.9	07/28/16	WG	Temperature	22.23	deg C	CAMO-16-124275
R-45 S2	974.9	05/10/16	WG	Temperature	21.39	deg C	CAMO-16-115260
R-45 S2	974.9	02/10/16	WG	Temperature	20.75	deg C	CAMO-16-110027
R-45 S2	974.9	12/18/17	WG	Turbidity	0.2	NTU	CAMO-18-150343
R-45 S2	974.9	10/31/17	WG	Turbidity	0.14	NTU	CAMO-18-147656
R-45 S2	974.9	08/02/17	WG	Turbidity	0.33	NTU	CAMO-17-142311
R-45 S2	974.9	05/17/17	WG	Turbidity	0.36	NTU	CAMO-17-133051
R-45 S2	974.9	02/07/17	WG	Turbidity	0.86	NTU	CAMO-17-129316
R-45 S2	974.9	11/17/16	WG	Turbidity	0.46	NTU	CAMO-17-127235
R-45 S2	974.9	07/28/16	WG	Turbidity	0.14	NTU	CAMO-16-124275
R-45 S2	974.9	05/10/16	WG	Turbidity	0.3	NTU	CAMO-16-115260
R-45 S2	974.9	02/10/16	WG	Turbidity	0.4	NTU	CAMO-16-110027
R-50 S1	1077.0	12/14/17	WG	Dissolved Oxygen	7.15	mg/L	CAMO-18-150352
R-50 S1	1077.0	11/16/17	WG	Dissolved Oxygen	6.4	mg/L	CAMO-18-148065

Location	Depth (ft)	Date	Matrix	Analyte	Result	Unit	Sample
R-50 S1	1077.0	10/26/17	WG	Dissolved Oxygen	6.99	mg/L	CAMO-18-147668
R-50 S1	1077.0	07/28/17	WG	Dissolved Oxygen	6.61	mg/L	CAMO-17-142312
R-50 S1	1077.0	05/17/17	WG	Dissolved Oxygen	6.61	mg/L	CAMO-17-132957
R-50 S1	1077.0	02/21/17	WG	Dissolved Oxygen	6.23	mg/L	CAMO-17-129317
R-50 S1	1077.0	11/18/16	WG	Dissolved Oxygen	5.74	mg/L	CAMO-17-127237
R-50 S1	1077.0	07/27/16	WG	Dissolved Oxygen	6.36	mg/L	CAMO-16-124276
R-50 S1	1077.0	05/12/16	WG	Dissolved Oxygen	5.95	mg/L	CAMO-16-115262
R-50 S1	1077.0	02/16/16	WG	Dissolved Oxygen	6.17	mg/L	CAMO-16-110028
R-50 S1	1077.0	12/14/17	WG	Flow (in gpm)	2.67	gpm	CAMO-18-150352
R-50 S1	1077.0	11/16/17	WG	Flow (in gpm)	2.54	gpm	CAMO-18-148065
R-50 S1	1077.0	10/26/17	WG	Flow (in gpm)	2.60	gpm	CAMO-18-147668
R-50 S1	1077.0	07/28/17	WG	Flow (in gpm)	2.63	gpm	CAMO-17-142312
R-50 S1	1077.0	05/17/17	WG	Flow (in gpm)	2.61	gpm	CAMO-17-132957
R-50 S1	1077.0	02/21/17	WG	Flow (in gpm)	2.48	gpm	CAMO-17-129317
R-50 S1	1077.0	11/18/16	WG	Flow (in gpm)	2.55	gpm	CAMO-17-127237
R-50 S1	1077.0	07/27/16	WG	Flow (in gpm)	2.58	gpm	CAMO-16-124276
R-50 S1	1077.0	05/12/16	WG	Flow (in gpm)	2.61	gpm	CAMO-16-115262
R-50 S1	1077.0	02/16/16	WG	Flow (in gpm)	2.65	gpm	CAMO-16-110028
R-50 S1	1077.0	12/14/17	WG	Oxidation-Reduction Potential	186.2	mV	CAMO-18-150352
R-50 S1	1077.0	11/16/17	WG	Oxidation-Reduction Potential	194.4	mV	CAMO-18-148065
R-50 S1	1077.0	10/26/17	WG	Oxidation-Reduction Potential	203.7	mV	CAMO-18-147668
R-50 S1	1077.0	07/28/17	WG	Oxidation-Reduction Potential	215.7	mV	CAMO-17-142312
R-50 S1	1077.0	05/17/17	WG	Oxidation-Reduction Potential	193.6	mV	CAMO-17-132957
R-50 S1	1077.0	02/21/17	WG	Oxidation-Reduction Potential	204.3	mV	CAMO-17-129317
R-50 S1	1077.0	11/18/16	WG	Oxidation-Reduction Potential	170	mV	CAMO-17-127237
R-50 S1	1077.0	07/27/16	WG	Oxidation-Reduction Potential	185	mV	CAMO-16-124276
R-50 S1	1077.0	05/12/16	WG	Oxidation-Reduction Potential	149.6	mV	CAMO-16-115262
R-50 S1	1077.0	02/16/16	WG	Oxidation-Reduction Potential	139.9	mV	CAMO-16-110028
R-50 S1	1077.0	12/14/17	WG	pH	7.79	SU	CAMO-18-150352
R-50 S1	1077.0	11/16/17	WG	pH	7.87	SU	CAMO-18-148065
R-50 S1	1077.0	10/26/17	WG	pH	7.90	SU	CAMO-18-147668
R-50 S1	1077.0	07/28/17	WG	pH	7.69	SU	CAMO-17-142312
R-50 S1	1077.0	05/17/17	WG	pH	7.96	SU	CAMO-17-132957
R-50 S1	1077.0	02/21/17	WG	pH	7.8	SU	CAMO-17-129317
R-50 S1	1077.0	11/18/16	WG	pH	7.95	SU	CAMO-17-127237
R-50 S1	1077.0	07/27/16	WG	pH	7.95	SU	CAMO-16-124276
R-50 S1	1077.0	05/12/16	WG	pH	8	SU	CAMO-16-115262
R-50 S1	1077.0	02/16/16	WG	pH	7.81	SU	CAMO-16-110028
R-50 S1	1077.0	12/14/17	WG	Specific Conductance	191.5	µS/cm	CAMO-18-150352
R-50 S1	1077.0	11/16/17	WG	Specific Conductance	191.4	µS/cm	CAMO-18-148065

Location	Depth (ft)	Date	Matrix	Analyte	Result	Unit	Sample
R-50 S1	1077.0	10/26/17	WG	Specific Conductance	191.9	µS/cm	CAMO-18-147668
R-50 S1	1077.0	07/28/17	WG	Specific Conductance	190.1	µS/cm	CAMO-17-142312
R-50 S1	1077.0	05/17/17	WG	Specific Conductance	190.6	µS/cm	CAMO-17-132957
R-50 S1	1077.0	02/21/17	WG	Specific Conductance	185.2	µS/cm	CAMO-17-129317
R-50 S1	1077.0	11/18/16	WG	Specific Conductance	186.6	µS/cm	CAMO-17-127237
R-50 S1	1077.0	07/27/16	WG	Specific Conductance	198.8	µS/cm	CAMO-16-124276
R-50 S1	1077.0	05/12/16	WG	Specific Conductance	204	µS/cm	CAMO-16-115262
R-50 S1	1077.0	02/16/16	WG	Specific Conductance	196	µS/cm	CAMO-16-110028
R-50 S1	1077.0	12/14/17	WG	Temperature	20.4	deg C	CAMO-18-150352
R-50 S1	1077.0	11/16/17	WG	Temperature	20.1	deg C	CAMO-18-148065
R-50 S1	1077.0	10/26/17	WG	Temperature	20.4	deg C	CAMO-18-147668
R-50 S1	1077.0	07/28/17	WG	Temperature	21.3	deg C	CAMO-17-142312
R-50 S1	1077.0	05/17/17	WG	Temperature	20.5	deg C	CAMO-17-132957
R-50 S1	1077.0	02/21/17	WG	Temperature	20.3	deg C	CAMO-17-129317
R-50 S1	1077.0	11/18/16	WG	Temperature	18.9	deg C	CAMO-17-127237
R-50 S1	1077.0	07/27/16	WG	Temperature	21.67	deg C	CAMO-16-124276
R-50 S1	1077.0	05/12/16	WG	Temperature	20.71	deg C	CAMO-16-115262
R-50 S1	1077.0	02/16/16	WG	Temperature	20.44	deg C	CAMO-16-110028
R-50 S1	1077.0	12/14/17	WG	Turbidity	0.19	NTU	CAMO-18-150352
R-50 S1	1077.0	11/16/17	WG	Turbidity	0.16	NTU	CAMO-18-148065
R-50 S1	1077.0	10/26/17	WG	Turbidity	0.21	NTU	CAMO-18-147668
R-50 S1	1077.0	07/28/17	WG	Turbidity	0.25	NTU	CAMO-17-142312
R-50 S1	1077.0	05/17/17	WG	Turbidity	0.26	NTU	CAMO-17-132957
R-50 S1	1077.0	02/21/17	WG	Turbidity	0.5	NTU	CAMO-17-129317
R-50 S1	1077.0	11/18/16	WG	Turbidity	9.9	NTU	CAMO-17-127237
R-50 S1	1077.0	07/27/16	WG	Turbidity	0.19	NTU	CAMO-16-124276
R-50 S1	1077.0	05/12/16	WG	Turbidity	0.1	NTU	CAMO-16-115262
R-50 S1	1077.0	02/16/16	WG	Turbidity	0.5	NTU	CAMO-16-110028
R-50 S2	1185.0	12/14/17	WG	Dissolved Oxygen	8	mg/L	CAMO-18-150353
R-50 S2	1185.0	11/16/17	WG	Dissolved Oxygen	7.93	mg/L	CAMO-18-148066
R-50 S2	1185.0	10/26/17	WG	Dissolved Oxygen	7.59	mg/L	CAMO-18-147658
R-50 S2	1185.0	07/28/17	WG	Dissolved Oxygen	7.92	mg/L	CAMO-17-142313
R-50 S2	1185.0	05/18/17	WG	Dissolved Oxygen	7.61	mg/L	CAMO-17-132235
R-50 S2	1185.0	02/16/17	WG	Dissolved Oxygen	7.9	mg/L	CAMO-17-129318
R-50 S2	1185.0	11/18/16	WG	Dissolved Oxygen	7.37	mg/L	CAMO-17-127238
R-50 S2	1185.0	08/08/16	WG	Dissolved Oxygen	9.12	mg/L	CAMO-16-124277
R-50 S2	1185.0	05/03/16	WG	Dissolved Oxygen	7.88	mg/L	CAMO-16-115263
R-50 S2	1185.0	02/09/16	WG	Dissolved Oxygen	7.82	mg/L	CAMO-16-110029
R-50 S2	1185.0	12/14/17	WG	Flow (in gpm)	2.52	gpm	CAMO-18-150353
R-50 S2	1185.0	11/16/17	WG	Flow (in gpm)	2.34	gpm	CAMO-18-148066

Location	Depth (ft)	Date	Matrix	Analyte	Result	Unit	Sample
R-50 S2	1185.0	10/26/17	WG	Flow (in gpm)	2.63	gpm	CAMO-18-147658
R-50 S2	1185.0	07/28/17	WG	Flow (in gpm)	2.65	gpm	CAMO-17-142313
R-50 S2	1185.0	05/18/17	WG	Flow (in gpm)	2.54	gpm	CAMO-17-132235
R-50 S2	1185.0	02/16/17	WG	Flow (in gpm)	2.56	gpm	CAMO-17-129318
R-50 S2	1185.0	11/18/16	WG	Flow (in gpm)	2.48	gpm	CAMO-17-127238
R-50 S2	1185.0	08/08/16	WG	Flow (in gpm)	2.5	gpm	CAMO-16-124277
R-50 S2	1185.0	05/03/16	WG	Flow (in gpm)	2.33	gpm	CAMO-16-115263
R-50 S2	1185.0	02/09/16	WG	Flow (in gpm)	2.24	gpm	CAMO-16-110029
R-50 S2	1185.0	12/14/17	WG	Oxidation-Reduction Potential	178.8	mV	CAMO-18-150353
R-50 S2	1185.0	11/16/17	WG	Oxidation-Reduction Potential	188	mV	CAMO-18-148066
R-50 S2	1185.0	10/26/17	WG	Oxidation-Reduction Potential	237.5	mV	CAMO-18-147658
R-50 S2	1185.0	07/28/17	WG	Oxidation-Reduction Potential	220	mV	CAMO-17-142313
R-50 S2	1185.0	05/18/17	WG	Oxidation-Reduction Potential	252.2	mV	CAMO-17-132235
R-50 S2	1185.0	02/16/17	WG	Oxidation-Reduction Potential	166.3	mV	CAMO-17-129318
R-50 S2	1185.0	11/18/16	WG	Oxidation-Reduction Potential	206.4	mV	CAMO-17-127238
R-50 S2	1185.0	08/08/16	WG	Oxidation-Reduction Potential	178.6	mV	CAMO-16-124277
R-50 S2	1185.0	05/03/16	WG	Oxidation-Reduction Potential	-104.1	mV	CAMO-16-115263
R-50 S2	1185.0	02/09/16	WG	Oxidation-Reduction Potential	144.4	mV	CAMO-16-110029
R-50 S2	1185.0	12/14/17	WG	pH	7.99	SU	CAMO-18-150353
R-50 S2	1185.0	11/16/17	WG	pH	8.06	SU	CAMO-18-148066
R-50 S2	1185.0	10/26/17	WG	pH	8.06	SU	CAMO-18-147658
R-50 S2	1185.0	07/28/17	WG	pH	7.78	SU	CAMO-17-142313
R-50 S2	1185.0	05/18/17	WG	pH	7.93	SU	CAMO-17-132235
R-50 S2	1185.0	02/16/17	WG	pH	8.09	SU	CAMO-17-129318
R-50 S2	1185.0	11/18/16	WG	pH	8.16	SU	CAMO-17-127238
R-50 S2	1185.0	08/08/16	WG	pH	8.17	SU	CAMO-16-124277
R-50 S2	1185.0	05/03/16	WG	pH	8.09	SU	CAMO-16-115263
R-50 S2	1185.0	02/09/16	WG	pH	7.83	SU	CAMO-16-110029
R-50 S2	1185.0	12/14/17	WG	Specific Conductance	135	µS/cm	CAMO-18-150353
R-50 S2	1185.0	11/16/17	WG	Specific Conductance	135.6	µS/cm	CAMO-18-148066
R-50 S2	1185.0	10/26/17	WG	Specific Conductance	135.4	µS/cm	CAMO-18-147658
R-50 S2	1185.0	07/28/17	WG	Specific Conductance	136.7	µS/cm	CAMO-17-142313
R-50 S2	1185.0	05/18/17	WG	Specific Conductance	135.8	µS/cm	CAMO-17-132235
R-50 S2	1185.0	02/16/17	WG	Specific Conductance	136.3	µS/cm	CAMO-17-129318
R-50 S2	1185.0	11/18/16	WG	Specific Conductance	137.6	µS/cm	CAMO-17-127238
R-50 S2	1185.0	08/08/16	WG	Specific Conductance	154.5	µS/cm	CAMO-16-124277
R-50 S2	1185.0	05/03/16	WG	Specific Conductance	156	µS/cm	CAMO-16-115263
R-50 S2	1185.0	02/09/16	WG	Specific Conductance	137	µS/cm	CAMO-16-110029
R-50 S2	1185.0	12/14/17	WG	Temperature	19.7	deg C	CAMO-18-150353
R-50 S2	1185.0	11/16/17	WG	Temperature	20.2	deg C	CAMO-18-148066

Location	Depth (ft)	Date	Matrix	Analyte	Result	Unit	Sample
R-50 S2	1185.0	10/26/17	WG	Temperature	21.1	deg C	CAMO-18-147658
R-50 S2	1185.0	07/28/17	WG	Temperature	20.7	deg C	CAMO-17-142313
R-50 S2	1185.0	05/18/17	WG	Temperature	20.6	deg C	CAMO-17-132235
R-50 S2	1185.0	02/16/17	WG	Temperature	20.3	deg C	CAMO-17-129318
R-50 S2	1185.0	11/18/16	WG	Temperature	20.5	deg C	CAMO-17-127238
R-50 S2	1185.0	08/08/16	WG	Temperature	20.15	deg C	CAMO-16-124277
R-50 S2	1185.0	05/03/16	WG	Temperature	21.49	deg C	CAMO-16-115263
R-50 S2	1185.0	02/09/16	WG	Temperature	20.13	deg C	CAMO-16-110029
R-50 S2	1185.0	12/14/17	WG	Turbidity	0.43	NTU	CAMO-18-150353
R-50 S2	1185.0	11/16/17	WG	Turbidity	0.45	NTU	CAMO-18-148066
R-50 S2	1185.0	10/26/17	WG	Turbidity	0.66	NTU	CAMO-18-147658
R-50 S2	1185.0	07/28/17	WG	Turbidity	0.3	NTU	CAMO-17-142313
R-50 S2	1185.0	05/18/17	WG	Turbidity	0.21	NTU	CAMO-17-132235
R-50 S2	1185.0	02/16/17	WG	Turbidity	0.54	NTU	CAMO-17-129318
R-50 S2	1185.0	11/18/16	WG	Turbidity	0.77	NTU	CAMO-17-127238
R-50 S2	1185.0	08/08/16	WG	Turbidity	0.13	NTU	CAMO-16-124277
R-50 S2	1185.0	05/03/16	WG	Turbidity	8.8	NTU	CAMO-16-115263
R-50 S2	1185.0	02/09/16	WG	Turbidity	9.6	NTU	CAMO-16-110029
R-61 S1	1125.0	12/19/17	WG	Dissolved Oxygen	5.21	mg/L	CAMO-18-150354
R-61 S1	1125.0	11/17/17	WG	Dissolved Oxygen	6.34	mg/L	CAMO-18-148067
R-61 S1	1125.0	10/31/17	WG	Dissolved Oxygen	6.36	mg/L	CAMO-18-147662
R-61 S1	1125.0	05/14/15	WG	Dissolved Oxygen	6.68	mg/L	CAMO-15-95791
R-61 S1	1125.0	03/02/15	WG	Dissolved Oxygen	7.47	mg/L	CAMO-15-92491
R-61 S1	1125.0	11/19/14	WG	Dissolved Oxygen	7.26	mg/L	CAMO-15-90222
R-61 S1	1125.0	07/23/14	WG	Dissolved Oxygen	6.97	mg/L	CAMO-14-84005
R-61 S1	1125.0	12/19/17	WG	Flow (in gpm)	2.04	gpm	CAMO-18-150354
R-61 S1	1125.0	11/17/17	WG	Flow (in gpm)	2.08	gpm	CAMO-18-148067
R-61 S1	1125.0	10/31/17	WG	Flow (in gpm)	1.96	gpm	CAMO-18-147662
R-61 S1	1125.0	05/14/15	WG	Flow (in gpm)	2.02	gpm	CAMO-15-95791
R-61 S1	1125.0	03/02/15	WG	Flow (in gpm)	2	gpm	CAMO-15-92491
R-61 S1	1125.0	11/19/14	WG	Flow (in gpm)	2.04	gpm	CAMO-15-90222
R-61 S1	1125.0	07/23/14	WG	Flow (in gpm)	2.1	gpm	CAMO-14-84005
R-61 S1	1125.0	12/19/17	WG	Oxidation-Reduction Potential	232.6	mV	CAMO-18-150354
R-61 S1	1125.0	11/17/17	WG	Oxidation-Reduction Potential	289.7	mV	CAMO-18-148067
R-61 S1	1125.0	10/31/17	WG	Oxidation-Reduction Potential	273.3	mV	CAMO-18-147662
R-61 S1	1125.0	05/14/15	WG	Oxidation-Reduction Potential	205	mV	CAMO-15-95791
R-61 S1	1125.0	03/02/15	WG	Oxidation-Reduction Potential	66.3	mV	CAMO-15-92491
R-61 S1	1125.0	11/19/14	WG	Oxidation-Reduction Potential	170.2	mV	CAMO-15-90222
R-61 S1	1125.0	07/23/14	WG	Oxidation-Reduction Potential	134.5	mV	CAMO-14-84005
R-61 S1	1125.0	12/19/17	WG	pH	7.45	SU	CAMO-18-150354

Location	Depth (ft)	Date	Matrix	Analyte	Result	Unit	Sample
R-61 S1	1125.0	11/17/17	WG	pH	7.44	SU	CAMO-18-148067
R-61 S1	1125.0	10/31/17	WG	pH	7.53	SU	CAMO-18-147662
R-61 S1	1125.0	05/14/15	WG	pH	7.27	SU	CAMO-15-95791
R-61 S1	1125.0	03/02/15	WG	pH	7.13	SU	CAMO-15-92491
R-61 S1	1125.0	11/19/14	WG	pH	6.89	SU	CAMO-15-90222
R-61 S1	1125.0	07/23/14	WG	pH	6.9	SU	CAMO-14-84005
R-61 S1	1125.0	12/19/17	WG	Specific Conductance	151.2	µS/cm	CAMO-18-150354
R-61 S1	1125.0	11/17/17	WG	Specific Conductance	148.4	µS/cm	CAMO-18-148067
R-61 S1	1125.0	10/31/17	WG	Specific Conductance	147.2	µS/cm	CAMO-18-147662
R-61 S1	1125.0	05/14/15	WG	Specific Conductance	144	µS/cm	CAMO-15-95791
R-61 S1	1125.0	03/02/15	WG	Specific Conductance	146	µS/cm	CAMO-15-92491
R-61 S1	1125.0	11/19/14	WG	Specific Conductance	145	µS/cm	CAMO-15-90222
R-61 S1	1125.0	07/23/14	WG	Specific Conductance	148	µS/cm	CAMO-14-84005
R-61 S1	1125.0	12/19/17	WG	Temperature	18.7	deg C	CAMO-18-150354
R-61 S1	1125.0	11/17/17	WG	Temperature	20.2	deg C	CAMO-18-148067
R-61 S1	1125.0	10/31/17	WG	Temperature	19.7	deg C	CAMO-18-147662
R-61 S1	1125.0	05/14/15	WG	Temperature	20.3	deg C	CAMO-15-95791
R-61 S1	1125.0	03/02/15	WG	Temperature	19.67	deg C	CAMO-15-92491
R-61 S1	1125.0	11/19/14	WG	Temperature	19.98	deg C	CAMO-15-90222
R-61 S1	1125.0	07/23/14	WG	Temperature	22.01	deg C	CAMO-14-84005
R-61 S1	1125.0	12/19/17	WG	Turbidity	1.46	NTU	CAMO-18-150354
R-61 S1	1125.0	11/17/17	WG	Turbidity	0.74	NTU	CAMO-18-148067
R-61 S1	1125.0	10/31/17	WG	Turbidity	0.55	NTU	CAMO-18-147662
R-61 S1	1125.0	05/14/15	WG	Turbidity	0.88	NTU	CAMO-15-95791
R-61 S1	1125.0	03/02/15	WG	Turbidity	0.94	NTU	CAMO-15-92491
R-61 S1	1125.0	11/19/14	WG	Turbidity	0.3	NTU	CAMO-15-90222
R-61 S1	1125.0	07/23/14	WG	Turbidity	1.43	NTU	CAMO-14-84005
R-62	1158.4	11/17/17	WG	Dissolved Oxygen	6.61	mg/L	CAMO-18-148068
R-62	1158.4	08/04/17	WG	Dissolved Oxygen	6.59	mg/L	CAMO-17-142002
R-62	1158.4	05/08/17	WG	Dissolved Oxygen	6.19	mg/L	CAMO-17-132526
R-62	1158.4	02/21/17	WG	Dissolved Oxygen	6.11	mg/L	CAMO-17-129319
R-62	1158.4	11/16/16	WG	Dissolved Oxygen	6.31	mg/L	CAMO-17-127240
R-62	1158.4	08/05/16	WG	Dissolved Oxygen	6.62	mg/L	CAMO-16-124279
R-62	1158.4	05/09/16	WG	Dissolved Oxygen	6.16	mg/L	CAMO-16-115266
R-62	1158.4	02/19/16	WG	Dissolved Oxygen	6.47	mg/L	CAMO-16-110031
R-62	1158.4	11/17/17	WG	Flow (in gpm)	4.35	gpm	CAMO-18-148068
R-62	1158.4	08/04/17	WG	Flow (in gpm)	1.86	gpm	CAMO-17-142002
R-62	1158.4	05/08/17	WG	Flow (in gpm)	7.55	gpm	CAMO-17-132526
R-62	1158.4	02/21/17	WG	Flow (in gpm)	1.55	gpm	CAMO-17-129319
R-62	1158.4	11/16/16	WG	Flow (in gpm)	1.4	gpm	CAMO-17-127240

Location	Depth (ft)	Date	Matrix	Analyte	Result	Unit	Sample
R-62	1158.4	08/05/16	WG	Flow (in gpm)	1.57	gpm	CAMO-16-124279
R-62	1158.4	05/09/16	WG	Flow (in gpm)	1.75	gpm	CAMO-16-115266
R-62	1158.4	02/19/16	WG	Flow (in gpm)	1.73	gpm	CAMO-16-110031
R-62	1158.4	11/17/17	WG	Oxidation-Reduction Potential	168	mV	CAMO-18-148068
R-62	1158.4	08/04/17	WG	Oxidation-Reduction Potential	177.8	mV	CAMO-17-142002
R-62	1158.4	05/08/17	WG	Oxidation-Reduction Potential	163.3	mV	CAMO-17-132526
R-62	1158.4	02/21/17	WG	Oxidation-Reduction Potential	113.5	mV	CAMO-17-129319
R-62	1158.4	11/16/16	WG	Oxidation-Reduction Potential	196.6	mV	CAMO-17-127240
R-62	1158.4	08/05/16	WG	Oxidation-Reduction Potential	225.4	mV	CAMO-16-124279
R-62	1158.4	05/09/16	WG	Oxidation-Reduction Potential	122.6	mV	CAMO-16-115266
R-62	1158.4	02/19/16	WG	Oxidation-Reduction Potential	114.1	mV	CAMO-16-110031
R-62	1158.4	11/17/17	WG	pH	8.54	SU	CAMO-18-148068
R-62	1158.4	08/04/17	WG	pH	8.29	SU	CAMO-17-142002
R-62	1158.4	05/08/17	WG	pH	8.39	SU	CAMO-17-132526
R-62	1158.4	02/21/17	WG	pH	8.65	SU	CAMO-17-129319
R-62	1158.4	11/16/16	WG	pH	8.68	SU	CAMO-17-127240
R-62	1158.4	08/05/16	WG	pH	8.62	SU	CAMO-16-124279
R-62	1158.4	05/09/16	WG	pH	8.57	SU	CAMO-16-115266
R-62	1158.4	02/19/16	WG	pH	8.43	SU	CAMO-16-110031
R-62	1158.4	11/17/17	WG	Specific Conductance	236.4	µS/cm	CAMO-18-148068
R-62	1158.4	08/04/17	WG	Specific Conductance	229.3	µS/cm	CAMO-17-142002
R-62	1158.4	05/08/17	WG	Specific Conductance	224.9	µS/cm	CAMO-17-132526
R-62	1158.4	02/21/17	WG	Specific Conductance	220.1	µS/cm	CAMO-17-129319
R-62	1158.4	11/16/16	WG	Specific Conductance	215.4	µS/cm	CAMO-17-127240
R-62	1158.4	08/05/16	WG	Specific Conductance	221.3	µS/cm	CAMO-16-124279
R-62	1158.4	05/09/16	WG	Specific Conductance	234	µS/cm	CAMO-16-115266
R-62	1158.4	02/19/16	WG	Specific Conductance	210	µS/cm	CAMO-16-110031
R-62	1158.4	11/17/17	WG	Temperature	18	deg C	CAMO-18-148068
R-62	1158.4	08/04/17	WG	Temperature	19.8	deg C	CAMO-17-142002
R-62	1158.4	05/08/17	WG	Temperature	19.2	deg C	CAMO-17-132526
R-62	1158.4	02/21/17	WG	Temperature	17.7	deg C	CAMO-17-129319
R-62	1158.4	11/16/16	WG	Temperature	18.8	deg C	CAMO-17-127240
R-62	1158.4	08/05/16	WG	Temperature	20.42	deg C	CAMO-16-124279
R-62	1158.4	05/09/16	WG	Temperature	19.16	deg C	CAMO-16-115266
R-62	1158.4	02/19/16	WG	Temperature	18.53	deg C	CAMO-16-110031
R-62	1158.4	11/17/17	WG	Turbidity	0.5	NTU	CAMO-18-148068
R-62	1158.4	08/04/17	WG	Turbidity	0.43	NTU	CAMO-17-142002
R-62	1158.4	05/08/17	WG	Turbidity	0.24	NTU	CAMO-17-132526
R-62	1158.4	02/21/17	WG	Turbidity	0.68	NTU	CAMO-17-129319
R-62	1158.4	11/16/16	WG	Turbidity	7.3	NTU	CAMO-17-127240

Location	Depth (ft)	Date	Matrix	Analyte	Result	Unit	Sample
R-62	1158.4	08/05/16	WG	Turbidity	0.56	NTU	CAMO-16-124279
R-62	1158.4	05/09/16	WG	Turbidity	0.33	NTU	CAMO-16-115266
R-62	1158.4	02/19/16	WG	Turbidity	1	NTU	CAMO-16-110031
R-67	1242.6	11/10/17	WG	Dissolved Oxygen	6.15	mg/L	CASA-18-148002
R-67	1242.6	08/01/17	WG	Dissolved Oxygen	6.2	mg/L	CASA-17-142020
R-67	1242.6	05/03/17	WG	Dissolved Oxygen	6.18	mg/L	CASA-17-132334
R-67	1242.6	02/16/17	WG	Dissolved Oxygen	6.28	mg/L	CASA-17-129341
R-67	1242.6	02/16/17	WG	Dissolved Oxygen	6.28	mg/L	CASA-17-129346
R-67	1242.6	08/09/16	WG	Dissolved Oxygen	7.18	mg/L	CASA-16-124332
R-67	1242.6	02/03/16	WG	Dissolved Oxygen	4.81	mg/L	CASA-16-110060
R-67	1242.6	12/03/15	WG	Dissolved Oxygen	5.8	mg/L	CASA-16-106063
R-67	1242.6	11/10/17	WG	Flow (in gpm)	4	gpm	CASA-18-148002
R-67	1242.6	08/01/17	WG	Flow (in gpm)	4	gpm	CASA-17-142020
R-67	1242.6	05/03/17	WG	Flow (in gpm)	4.05	gpm	CASA-17-132334
R-67	1242.6	02/16/17	WG	Flow (in gpm)	3.7	gpm	CASA-17-129341
R-67	1242.6	02/16/17	WG	Flow (in gpm)	3.7	gpm	CASA-17-129346
R-67	1242.6	08/09/16	WG	Flow (in gpm)	3.41	gpm	CASA-16-124332
R-67	1242.6	02/03/16	WG	Flow (in gpm)	1.76	gpm	CASA-16-110060
R-67	1242.6	12/03/15	WG	Flow (in gpm)	3.48	gpm	CASA-16-106063
R-67	1242.6	11/10/17	WG	Oxidation-Reduction Potential	47.5	mV	CASA-18-148002
R-67	1242.6	08/01/17	WG	Oxidation-Reduction Potential	95.9	mV	CASA-17-142020
R-67	1242.6	05/03/17	WG	Oxidation-Reduction Potential	123.3	mV	CASA-17-132334
R-67	1242.6	02/16/17	WG	Oxidation-Reduction Potential	76.2	mV	CASA-17-129341
R-67	1242.6	02/16/17	WG	Oxidation-Reduction Potential	76.2	mV	CASA-17-129346
R-67	1242.6	08/09/16	WG	Oxidation-Reduction Potential	175.2	mV	CASA-16-124332
R-67	1242.6	02/03/16	WG	Oxidation-Reduction Potential	54.3	mV	CASA-16-110060
R-67	1242.6	12/03/15	WG	Oxidation-Reduction Potential	107.7	mV	CASA-16-106063
R-67	1242.6	11/10/17	WG	pH	8.3	SU	CASA-18-148002
R-67	1242.6	08/01/17	WG	pH	8.06	SU	CASA-17-142020
R-67	1242.6	05/03/17	WG	pH	8.2	SU	CASA-17-132334
R-67	1242.6	02/16/17	WG	pH	8.21	SU	CASA-17-129341
R-67	1242.6	02/16/17	WG	pH	8.21	SU	CASA-17-129346
R-67	1242.6	08/09/16	WG	pH	8.07	SU	CASA-16-124332
R-67	1242.6	02/03/16	WG	pH	7.76	SU	CASA-16-110060
R-67	1242.6	12/03/15	WG	pH	7.67	SU	CASA-16-106063
R-67	1242.6	11/10/17	WG	Specific Conductance	169	µS/cm	CASA-18-148002
R-67	1242.6	08/01/17	WG	Specific Conductance	174.3	µS/cm	CASA-17-142020
R-67	1242.6	05/03/17	WG	Specific Conductance	173.4	µS/cm	CASA-17-132334
R-67	1242.6	02/16/17	WG	Specific Conductance	175.7	µS/cm	CASA-17-129341
R-67	1242.6	02/16/17	WG	Specific Conductance	175.7	µS/cm	CASA-17-129346

Location	Depth (ft)	Date	Matrix	Analyte	Result	Unit	Sample
R-67	1242.6	08/09/16	WG	Specific Conductance	184.7	µS/cm	CASA-16-124332
R-67	1242.6	02/03/16	WG	Specific Conductance	178	µS/cm	CASA-16-110060
R-67	1242.6	12/03/15	WG	Specific Conductance	176	µS/cm	CASA-16-106063
R-67	1242.6	11/10/17	WG	Temperature	19.7	deg C	CASA-18-148002
R-67	1242.6	08/01/17	WG	Temperature	20.2	deg C	CASA-17-142020
R-67	1242.6	05/03/17	WG	Temperature	19.5	deg C	CASA-17-132334
R-67	1242.6	02/16/17	WG	Temperature	18.8	deg C	CASA-17-129341
R-67	1242.6	02/16/17	WG	Temperature	18.8	deg C	CASA-17-129346
R-67	1242.6	08/09/16	WG	Temperature	20.51	deg C	CASA-16-124332
R-67	1242.6	02/03/16	WG	Temperature	17.41	deg C	CASA-16-110060
R-67	1242.6	12/03/15	WG	Temperature	19.03	deg C	CASA-16-106063
R-67	1242.6	11/10/17	WG	Turbidity	0.31	NTU	CASA-18-148002
R-67	1242.6	08/01/17	WG	Turbidity	0.32	NTU	CASA-17-142020
R-67	1242.6	05/03/17	WG	Turbidity	2.34	NTU	CASA-17-132334
R-67	1242.6	02/16/17	WG	Turbidity	2.77	NTU	CASA-17-129341
R-67	1242.6	02/16/17	WG	Turbidity	2.77	NTU	CASA-17-129346
R-67	1242.6	08/09/16	WG	Turbidity	1.15	NTU	CASA-16-124332
R-67	1242.6	02/03/16	WG	Turbidity	4.2	NTU	CASA-16-110060
R-67	1242.6	12/03/15	WG	Turbidity	7.3	NTU	CASA-16-106063
SCI-1	358.4	11/13/17	WG	Dissolved Oxygen	8.97	mg/L	CASA-18-148003
SCI-1	358.4	11/15/16	WG	Dissolved Oxygen	8.28	mg/L	CASA-17-127288
SCI-1	358.4	08/02/16	WG	Dissolved Oxygen	8.72	mg/L	CASA-16-124351
SCI-1	358.4	05/13/16	WG	Dissolved Oxygen	8.71	mg/L	CASA-16-115485
SCI-1	358.4	02/12/16	WG	Dissolved Oxygen	8.95	mg/L	CASA-16-110070
SCI-1	358.4	11/13/17	WG	Flow (in gpm)	0.96	gpm	CASA-18-148003
SCI-1	358.4	11/15/16	WG	Flow (in gpm)	0.62	gpm	CASA-17-127288
SCI-1	358.4	08/02/16	WG	Flow (in gpm)	1.83	gpm	CASA-16-124351
SCI-1	358.4	05/13/16	WG	Flow (in gpm)	0.48	gpm	CASA-16-115485
SCI-1	358.4	02/12/16	WG	Flow (in gpm)	0.35	gpm	CASA-16-110070
SCI-1	358.4	11/13/17	WG	Oxidation-Reduction Potential	100.2	mV	CASA-18-148003
SCI-1	358.4	11/15/16	WG	Oxidation-Reduction Potential	113.5	mV	CASA-17-127288
SCI-1	358.4	08/02/16	WG	Oxidation-Reduction Potential	236	mV	CASA-16-124351
SCI-1	358.4	05/13/16	WG	Oxidation-Reduction Potential	171.6	mV	CASA-16-115485
SCI-1	358.4	02/12/16	WG	Oxidation-Reduction Potential	261.2	mV	CASA-16-110070
SCI-1	358.4	11/13/17	WG	pH	7.16	SU	CASA-18-148003
SCI-1	358.4	11/15/16	WG	pH	6.9	SU	CASA-17-127288
SCI-1	358.4	08/02/16	WG	pH	7.14	SU	CASA-16-124351
SCI-1	358.4	05/13/16	WG	pH	7.19	SU	CASA-16-115485
SCI-1	358.4	02/12/16	WG	pH	6.74	SU	CASA-16-110070
SCI-1	358.4	11/13/17	WG	Specific Conductance	100.2	µS/cm	CASA-18-148003

Location	Depth (ft)	Date	Matrix	Analyte	Result	Unit	Sample
SCI-1	358.4	11/15/16	WG	Specific Conductance	694	µS/cm	CASA-17-127288
SCI-1	358.4	08/02/16	WG	Specific Conductance	751.8	µS/cm	CASA-16-124351
SCI-1	358.4	05/13/16	WG	Specific Conductance	694	µS/cm	CASA-16-115485
SCI-1	358.4	02/12/16	WG	Specific Conductance	685	µS/cm	CASA-16-110070
SCI-1	358.4	11/13/17	WG	Temperature	10.4	deg C	CASA-18-148003
SCI-1	358.4	11/15/16	WG	Temperature	10.4	deg C	CASA-17-127288
SCI-1	358.4	08/02/16	WG	Temperature	10.49	deg C	CASA-16-124351
SCI-1	358.4	05/13/16	WG	Temperature	10.39	deg C	CASA-16-115485
SCI-1	358.4	02/12/16	WG	Temperature	9.81	deg C	CASA-16-110070
SCI-1	358.4	11/13/17	WG	Turbidity	1.8	NTU	CASA-18-148003
SCI-1	358.4	11/15/16	WG	Turbidity	1.8	NTU	CASA-17-127288
SCI-1	358.4	08/02/16	WG	Turbidity	1.49	NTU	CASA-16-124351
SCI-1	358.4	05/13/16	WG	Turbidity	5.7	NTU	CASA-16-115485
SCI-1	358.4	02/12/16	WG	Turbidity	3.5	NTU	CASA-16-110070
SCI-2	548.0	11/13/17	WG	Dissolved Oxygen	8.17	mg/L	CASA-18-148004
SCI-2	548.0	07/31/17	WG	Dissolved Oxygen	8.19	mg/L	CASA-17-142021
SCI-2	548.0	05/04/17	WG	Dissolved Oxygen	8.12	mg/L	CASA-17-132336
SCI-2	548.0	02/14/17	WG	Dissolved Oxygen	8.01	mg/L	CASA-17-129662
SCI-2	548.0	11/18/16	WG	Dissolved Oxygen	8.03	mg/L	CASA-17-127289
SCI-2	548.0	08/02/16	WG	Dissolved Oxygen	8.12	mg/L	CASA-16-124336
SCI-2	548.0	05/18/16	WG	Dissolved Oxygen	8.31	mg/L	CASA-16-115486
SCI-2	548.0	02/11/16	WG	Dissolved Oxygen	8.38	mg/L	CASA-16-110062
SCI-2	548.0	11/13/17	WG	Flow (in gpm)	0.78	gpm	CASA-18-148004
SCI-2	548.0	07/31/17	WG	Flow (in gpm)	0.85	gpm	CASA-17-142021
SCI-2	548.0	05/04/17	WG	Flow (in gpm)	0.89	gpm	CASA-17-132336
SCI-2	548.0	02/14/17	WG	Flow (in gpm)	0.98	gpm	CASA-17-129662
SCI-2	548.0	11/18/16	WG	Flow (in gpm)	0.55	gpm	CASA-17-127289
SCI-2	548.0	08/02/16	WG	Flow (in gpm)	0.85	gpm	CASA-16-124336
SCI-2	548.0	05/18/16	WG	Flow (in gpm)	0.96	gpm	CASA-16-115486
SCI-2	548.0	02/11/16	WG	Flow (in gpm)	0.89	gpm	CASA-16-110062
SCI-2	548.0	11/13/17	WG	Oxidation-Reduction Potential	165.6	mV	CASA-18-148004
SCI-2	548.0	07/31/17	WG	Oxidation-Reduction Potential	212.5	mV	CASA-17-142021
SCI-2	548.0	05/04/17	WG	Oxidation-Reduction Potential	154.5	mV	CASA-17-132336
SCI-2	548.0	02/14/17	WG	Oxidation-Reduction Potential	188.4	mV	CASA-17-129662
SCI-2	548.0	11/18/16	WG	Oxidation-Reduction Potential	246.9	mV	CASA-17-127289
SCI-2	548.0	08/02/16	WG	Oxidation-Reduction Potential	230.1	mV	CASA-16-124336
SCI-2	548.0	05/18/16	WG	Oxidation-Reduction Potential	205.6	mV	CASA-16-115486
SCI-2	548.0	02/11/16	WG	Oxidation-Reduction Potential	167.3	mV	CASA-16-110062
SCI-2	548.0	11/13/17	WG	pH	7.37	SU	CASA-18-148004
SCI-2	548.0	07/31/17	WG	pH	7.4	SU	CASA-17-142021

Location	Depth (ft)	Date	Matrix	Analyte	Result	Unit	Sample
SCI-2	548.0	05/04/17	WG	pH	7.02	SU	CASA-17-132336
SCI-2	548.0	02/14/17	WG	pH	7.06	SU	CASA-17-129662
SCI-2	548.0	11/18/16	WG	pH	7.02	SU	CASA-17-127289
SCI-2	548.0	08/02/16	WG	pH	7.39	SU	CASA-16-124336
SCI-2	548.0	05/18/16	WG	pH	7.31	SU	CASA-16-115486
SCI-2	548.0	02/11/16	WG	pH	7.36	SU	CASA-16-110062
SCI-2	548.0	11/13/17	WG	Specific Conductance	621	µS/cm	CASA-18-148004
SCI-2	548.0	07/31/17	WG	Specific Conductance	620	µS/cm	CASA-17-142021
SCI-2	548.0	05/04/17	WG	Specific Conductance	619	µS/cm	CASA-17-132336
SCI-2	548.0	02/14/17	WG	Specific Conductance	616	µS/cm	CASA-17-129662
SCI-2	548.0	11/18/16	WG	Specific Conductance	622	µS/cm	CASA-17-127289
SCI-2	548.0	08/02/16	WG	Specific Conductance	673.4	µS/cm	CASA-16-124336
SCI-2	548.0	05/18/16	WG	Specific Conductance	629	µS/cm	CASA-16-115486
SCI-2	548.0	02/11/16	WG	Specific Conductance	598	µS/cm	CASA-16-110062
SCI-2	548.0	11/13/17	WG	Temperature	14.1	deg C	CASA-18-148004
SCI-2	548.0	07/31/17	WG	Temperature	14.6	deg C	CASA-17-142021
SCI-2	548.0	05/04/17	WG	Temperature	14.6	deg C	CASA-17-132336
SCI-2	548.0	02/14/17	WG	Temperature	13.6	deg C	CASA-17-129662
SCI-2	548.0	11/18/16	WG	Temperature	13.4	deg C	CASA-17-127289
SCI-2	548.0	08/02/16	WG	Temperature	15.63	deg C	CASA-16-124336
SCI-2	548.0	05/18/16	WG	Temperature	13.92	deg C	CASA-16-115486
SCI-2	548.0	02/11/16	WG	Temperature	13.92	deg C	CASA-16-110062
SCI-2	548.0	11/13/17	WG	Turbidity	0.92	NTU	CASA-18-148004
SCI-2	548.0	07/31/17	WG	Turbidity	3.05	NTU	CASA-17-142021
SCI-2	548.0	05/04/17	WG	Turbidity	1.29	NTU	CASA-17-132336
SCI-2	548.0	02/14/17	WG	Turbidity	3.5	NTU	CASA-17-129662
SCI-2	548.0	11/18/16	WG	Turbidity	2.1	NTU	CASA-17-127289
SCI-2	548.0	08/02/16	WG	Turbidity	2.21	NTU	CASA-16-124336
SCI-2	548.0	05/18/16	WG	Turbidity	1.5	NTU	CASA-16-115486
SCI-2	548.0	02/11/16	WG	Turbidity	1.2	NTU	CASA-16-110062
SIMR-2	885.0	12/14/17	WG	Dissolved Oxygen	7.24	mg/L	CAMO-18-150355
SIMR-2	885.0	11/15/17	WG	Dissolved Oxygen	7.08	mg/L	CAMO-18-148069
SIMR-2	885.0	10/30/17	WG	Dissolved Oxygen	7.15	mg/L	CAMO-18-147663
SIMR-2	885.0	08/08/17	WG	Dissolved Oxygen	7.06	mg/L	CAMO-17-142314
SIMR-2	885.0	05/16/17	WG	Dissolved Oxygen	6.99	mg/L	CAMO-17-132238
SIMR-2	885.0	02/15/17	WG	Dissolved Oxygen	7.45	mg/L	CAMO-17-129320
SIMR-2	885.0	11/21/16	WG	Dissolved Oxygen	7.5	mg/L	CAMO-17-127261
SIMR-2	885.0	08/05/16	WG	Dissolved Oxygen	8.71	mg/L	CAMO-16-124280
SIMR-2	885.0	05/17/16	WG	Dissolved Oxygen	8.21	mg/L	CAMO-16-115268
SIMR-2	885.0	02/18/16	WG	Dissolved Oxygen	7.88	mg/L	CAMO-16-110032

Location	Depth (ft)	Date	Matrix	Analyte	Result	Unit	Sample
SIMR-2	885.0	12/14/17	WG	Flow (in gpm)	3.66	gpm	CAMO-18-150347
SIMR-2	885.0	11/15/17	WG	Flow (in gpm)	3.66	gpm	CAMO-18-148069
SIMR-2	885.0	10/30/17	WG	Flow (in gpm)	3.79	gpm	CAMO-18-147663
SIMR-2	885.0	08/08/17	WG	Flow (in gpm)	3.65	gpm	CAMO-17-142314
SIMR-2	885.0	05/16/17	WG	Flow (in gpm)	3.75	gpm	CAMO-17-132238
SIMR-2	885.0	02/15/17	WG	Flow (in gpm)	3.65	gpm	CAMO-17-129320
SIMR-2	885.0	11/21/16	WG	Flow (in gpm)	3.67	gpm	CAMO-17-127261
SIMR-2	885.0	08/05/16	WG	Flow (in gpm)	3.49	gpm	CAMO-16-124280
SIMR-2	885.0	05/17/16	WG	Flow (in gpm)	3.7	gpm	CAMO-16-115268
SIMR-2	885.0	02/18/16	WG	Flow (in gpm)	3.66	gpm	CAMO-16-110032
SIMR-2	885.0	12/14/17	WG	Oxidation-Reduction Potential	235.1	mV	CAMO-18-150355
SIMR-2	885.0	11/15/17	WG	Oxidation-Reduction Potential	202.8	mV	CAMO-18-148069
SIMR-2	885.0	10/30/17	WG	Oxidation-Reduction Potential	252.9	mV	CAMO-18-147663
SIMR-2	885.0	08/08/17	WG	Oxidation-Reduction Potential	229.3	mV	CAMO-17-142314
SIMR-2	885.0	05/16/17	WG	Oxidation-Reduction Potential	226.9	mV	CAMO-17-132238
SIMR-2	885.0	02/15/17	WG	Oxidation-Reduction Potential	251.6	mV	CAMO-17-129320
SIMR-2	885.0	11/21/16	WG	Oxidation-Reduction Potential	200	mV	CAMO-17-127261
SIMR-2	885.0	08/05/16	WG	Oxidation-Reduction Potential	181.4	mV	CAMO-16-124280
SIMR-2	885.0	05/17/16	WG	Oxidation-Reduction Potential	112	mV	CAMO-16-115268
SIMR-2	885.0	02/18/16	WG	Oxidation-Reduction Potential	52.9	mV	CAMO-16-110032
SIMR-2	885.0	12/14/17	WG	pH	7.85	SU	CAMO-18-150355
SIMR-2	885.0	11/15/17	WG	pH	7.81	SU	CAMO-18-148069
SIMR-2	885.0	10/30/17	WG	pH	7.83	SU	CAMO-18-147663
SIMR-2	885.0	08/08/17	WG	pH	7.44	SU	CAMO-17-142314
SIMR-2	885.0	05/16/17	WG	pH	7.78	SU	CAMO-17-132238
SIMR-2	885.0	02/15/17	WG	pH	7.87	SU	CAMO-17-129320
SIMR-2	885.0	11/21/16	WG	pH	7.72	SU	CAMO-17-127261
SIMR-2	885.0	08/05/16	WG	pH	7.92	SU	CAMO-16-124280
SIMR-2	885.0	05/17/16	WG	pH	7.9	SU	CAMO-16-115268
SIMR-2	885.0	02/18/16	WG	pH	7.69	SU	CAMO-16-110032
SIMR-2	885.0	12/14/17	WG	Specific Conductance	130.6	µS/cm	CAMO-18-150355
SIMR-2	885.0	11/15/17	WG	Specific Conductance	131.5	µS/cm	CAMO-18-148069
SIMR-2	885.0	10/30/17	WG	Specific Conductance	129.7	µS/cm	CAMO-18-147663
SIMR-2	885.0	08/08/17	WG	Specific Conductance	131.9	µS/cm	CAMO-17-142314
SIMR-2	885.0	05/16/17	WG	Specific Conductance	131.4	µS/cm	CAMO-17-132238
SIMR-2	885.0	02/15/17	WG	Specific Conductance	131.8	µS/cm	CAMO-17-129320
SIMR-2	885.0	11/21/16	WG	Specific Conductance	131.3	µS/cm	CAMO-17-127261
SIMR-2	885.0	08/05/16	WG	Specific Conductance	161.9	µS/cm	CAMO-16-124280
SIMR-2	885.0	05/17/16	WG	Specific Conductance	137	µS/cm	CAMO-16-115268
SIMR-2	885.0	02/18/16	WG	Specific Conductance	133	µS/cm	CAMO-16-110032

Location	Depth (ft)	Date	Matrix	Analyte	Result	Unit	Sample
SIMR-2	885.0	12/14/17	WG	Temperature	19.4	deg C	CAMO-18-150355
SIMR-2	885.0	11/15/17	WG	Temperature	19.7	deg C	CAMO-18-148069
SIMR-2	885.0	10/30/17	WG	Temperature	20	deg C	CAMO-18-147663
SIMR-2	885.0	08/08/17	WG	Temperature	21.1	deg C	CAMO-17-142314
SIMR-2	885.0	05/16/17	WG	Temperature	20.8	deg C	CAMO-17-132238
SIMR-2	885.0	02/15/17	WG	Temperature	19.9	deg C	CAMO-17-129320
SIMR-2	885.0	11/21/16	WG	Temperature	17.6	deg C	CAMO-17-127261
SIMR-2	885.0	08/05/16	WG	Temperature	21.06	deg C	CAMO-16-124280
SIMR-2	885.0	05/17/16	WG	Temperature	20.15	deg C	CAMO-16-115268
SIMR-2	885.0	02/18/16	WG	Temperature	20.45	deg C	CAMO-16-110032
SIMR-2	885.0	12/14/17	WG	Turbidity	0.78	NTU	CAMO-18-150355
SIMR-2	885.0	11/15/17	WG	Turbidity	0.38	NTU	CAMO-18-148069
SIMR-2	885.0	10/30/17	WG	Turbidity	0.14	NTU	CAMO-18-147663
SIMR-2	885.0	08/08/17	WG	Turbidity	0.34	NTU	CAMO-17-142314
SIMR-2	885.0	05/16/17	WG	Turbidity	0.21	NTU	CAMO-17-132238
SIMR-2	885.0	02/15/17	WG	Turbidity	0.55	NTU	CAMO-17-129320
SIMR-2	885.0	11/21/16	WG	Turbidity	9.4	NTU	CAMO-17-127261
SIMR-2	885.0	08/05/16	WG	Turbidity	0.59	NTU	CAMO-16-124280
SIMR-2	885.0	05/17/16	WG	Turbidity	0.7	NTU	CAMO-16-115268
SIMR-2	885.0	02/18/16	WG	Turbidity	1	NTU	CAMO-16-110032

[a] WG = Groundwater.

[b] gpm = Gallons per minute.

[c] SU = Standard unit.

[d] NTU = Nephelometric turbidity unit.

Appendix B

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

Appendix C

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

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

Acronyms and Abbreviations

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

Acronyms and Abbreviations (continued)

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

Acronyms and Abbreviations (continued)

Acronym, Abbreviation, or Symbol	Description
Miscellaneous (continued)	
TCDD	tetrachlorodibenzo-p-dioxin
TCDF	tetrachlorodibenzofuran
TDS	total dissolved solids
TPH-DRO	total petroleum hydrocarbons—diesel range organics
TNX	trinitroso-RDX (or hexahydro-1,3,5-trinitroso-1,3,5-triazine)
TPU	total propagated uncertainty
UAL	upper acceptance limit
Field Matrix Codes	
W	water
WG	groundwater
WM	snowmelt
WP	persistent flow
WS	base flow
WT	storm runoff
Field Prep Codes	
F	filtered
UF	unfiltered
Lab Sample Type Codes	
CS	client sample
DL	dilution
DUP	duplicate
INIT	initial
RE	reanalysis
REDL	reanalysis dilution
REDP	reanalysis duplicate
RI	reissue
TRP	triplicate
Field QC Type Codes	
EQB	equipment rinsate blank
FB	field blank
FD	field duplicate
FR	field rinsate
FS	field split
FTB	field trip blank
FTR	field triplicate
INB	equipment blank taken during installation and not associated with a sampling event
ITB	trip blank taken during installation and not associated with a sampling event
NA	not applicable

Acronyms and Abbreviations (continued)

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

Acronyms and Abbreviations (continued)

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

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

Analytical Laboratory Qualifier Codes

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

Analytical Laboratory Qualifier Codes (continued)

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

Analytical Laboratory Qualifier Codes (continued)

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

Secondary Validation Flag Codes

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

Table C-1 Chromium Investigation Monitoring Group Previously Unreported Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Units	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-35b	825.4	11/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.13	—	—	—	%	Y	—	NQ	2017-649	CASA-17-127292	UIL
R-35b	825.4	11/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.16	—	—	—	%	Y	—	NQ	2016-583	CASA-16-106255	UIL
R-35b	825.4	11/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.27	—	—	—	%	Y	—	NQ	2015-562	CASA-15-90259	UIL
R-35b	825.4	11/11/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.2	—	—	—	%	Y	—	NQ	11-746	CASA-11-1375	UIL
R-35b	825.4	04/27/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.49	—	—	—	%	Y	—	NQ	09-1858	CASA-09-8307	UIL
R-44 S1	895	11/07/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.05	—	—	—	%	Y	—	NQ	2017-650	CAMO-17-127252	UIL
R-44 S1	895	05/03/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	0.88	—	—	—	%	Y	—	NQ	2016-1262	CAMO-16-115280	UIL
R-44 S1	895	11/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	0.88	—	—	—	%	Y	—	NQ	2016-584	CAMO-16-106126	UIL
R-44 S1	895	11/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.05	—	—	—	%	Y	—	NQ	2015-560	CAMO-15-90233	UIL
R-44 S1	895	11/18/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1	—	—	—	%	Y	—	NQ	11-745	CAMO-11-1275	UIL

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
MCOI-5	689.04	11/10/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.69	—	—	0.01	SU	Y	H	NQ	2018-853	CAMO-18-148054	GELC
MCOI-5	689.04	07/31/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.84	—	—	0.01	SU	Y	H	NQ	2017-2224	CAMO-17-141972	GELC
MCOI-5	689.04	05/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.4	—	—	0.01	SU	Y	H	NQ	2017-1505	CAMO-17-132199	GELC
MCOI-5	689.04	02/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.32	—	—	0.01	SU	Y	H	NQ	2017-993	CAMO-17-129289	GELC
MCOI-5	689.04	11/08/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.26	—	—	0.01	SU	Y	H	NQ	2017-396	CAMO-17-127242	GELC
MCOI-5	689.04	11/08/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.28	—	—	0.01	SU	Y	H	NQ	2017-396	CAMO-17-127214	GELC
MCOI-5	689.04	07/25/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.24	—	—	0.01	SU	Y	H	NQ	2016-1786	CAMO-16-124284	GELC
MCOI-5	689.04	05/06/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.7	—	—	0.01	SU	Y	H	NQ	2016-1158	CAMO-16-115269	GELC
MCOI-5	689.04	02/05/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.71	—	—	0.01	SU	Y	H	NQ	2016-699	CAMO-16-110013	GELC
MCOI-5	689.04	02/05/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.72	—	—	0.01	SU	Y	H	NQ	2016-699	CAMO-16-110033	GELC
MCOI-5	689.04	11/10/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	8.06	—	—	1.45	mg/L	Y	—	NQ	2018-853	CAMO-18-148054	GELC
MCOI-5	689.04	07/31/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	12.9	—	—	1.45	mg/L	Y	—	NQ	2017-2224	CAMO-17-141972	GELC
MCOI-5	689.04	05/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	4	—	—	1.45	mg/L	Y	U	U	2017-1505	CAMO-17-132199	GELC
MCOI-5	689.04	02/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	4	—	—	1.45	mg/L	Y	U	U	2017-993	CAMO-17-129289	GELC
MCOI-5	689.04	11/08/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	4	—	—	1.45	mg/L	Y	U	U	2017-396	CAMO-17-127242	GELC
MCOI-5	689.04	11/08/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	4	—	—	1.45	mg/L	Y	U	U	2017-396	CAMO-17-127214	GELC
MCOI-5	689.04	07/25/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1	—	—	0.33	mg/L	Y	U	U	2016-1786	CAMO-16-124284	GELC
MCOI-5	689.04	11/10/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	55.8	—	—	1.45	mg/L	Y	—	NQ	2018-853	CAMO-18-148054	GELC
MCOI-5	689.04	07/31/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.9	—	—	1.45	mg/L	Y	—	NQ	2017-2224	CAMO-17-141972	GELC
MCOI-5	689.04	05/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	54.6	—	—	1.45	mg/L	Y	—	NQ	2017-1505	CAMO-17-132199	GELC
MCOI-5	689.04	02/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	55	—	—	1.45	mg/L	Y	—	NQ	2017-993	CAMO-17-129289	GELC
MCOI-5	689.04	11/08/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	55.8	—	—	1.45	mg/L	Y	—	NQ	2017-396	CAMO-17-127242	GELC
MCOI-5	689.04	11/08/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	54.8	—	—	1.45	mg/L	Y	—	NQ	2017-396	CAMO-17-127214	GELC
MCOI-5	689.04	07/25/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	54.6	—	—	0.33	mg/L	Y	—	NQ	2016-1786	CAMO-16-124284	GELC
MCOI-5	689.04	05/06/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	56	—	—	0.725	mg/L	Y	—	NQ	2016-1158	CAMO-16-115269	GELC
MCOI-5	689.04	02/05/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	56.4	—	—	0.725	mg/L	Y	—	NQ	2016-699	CAMO-16-110013	GELC
MCOI-5	689.04	02/05/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	55.9	—	—	0.725	mg/L	Y	—	NQ	2016-699	CAMO-16-110033	GELC
MCOI-5	689.04	11/10/17	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0124	0.00587	0.0315	—	pCi/L	Y	U	U	2018-853	CAMO-18-148070	GELC
MCOI-5	689.04	11/08/16	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00539	0.00934	0.0673	—	pCi/L	Y	U	U	2017-396	CAMO-17-127212	GELC
MCOI-5	689.04	11/08/16	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0115	0.00763	0.0573	—	pCi/L	Y	U	U	2017-396	CAMO-17-127222	GELC
MCOI-5	689.04	11/16/15	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00774	0.00774	0.0522	—	pCi/L	Y	U	U	2016-351	CAMO-16-106094	GELC
MCOI-5	689.04	11/18/14	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00644	0.0091	0.0672	—	pCi/L	Y	U	U	2015-370	CAMO-15-90207	GELC
MCOI-5	689.04	11/08/13	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	Y	0.0778	0.0249	0.0655	—	pCi/L	Y	—	J	2014-2433	CAMO-14-45743	GELC
MCOI-5	689.04	11/10/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0216	—	—	0.017	mg/L	Y	J	J	2018-853	CAMO-18-148054	GELC
MCOI-5	689.04	07/31/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.202	—	—	0.017	mg/L	Y	—	NQ	2017-2224	CAMO-17-141972	GELC
MCOI-5	689.04	02/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.102	—	—	0.017	mg/L	Y	—	NQ	2017-993	CAMO-17-129289	GELC
MCOI-5	689.04	11/08/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0237	—	—	0.017	mg/L	Y	J	U	2017-396	CAMO-17-127242	GELC
MCOI-5	689.04	11/08/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0272	—	—	0.017	mg/L	Y	J	U	2017-396	CAMO-17-127214	GELC
MCOI-5	689.04	07/25/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.243	—	—	0.017	mg/L	Y	—	NQ	2016-1786	CAMO-16-124284	GELC
MCOI-5	689.04	05/06/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.145	—	—	0.017	mg/L	Y	—	U	2016-1158	CAMO-16-115269	GELC
MCOI-5	689.04	02/05/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.017	mg/L	Y	U	U	2016-699	CAMO-16-110013	GELC
MCOI-5	689.04	02/05/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.017	mg/L	Y	U	U	2016-699	CAMO-16-110033	GELC
MCOI-5	689.04	11/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.14	—	—	2	µg/L	Y	J	J	2018-853	CAMO-18-148054	GELC
MCOI-5	689.04	07/31/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	2017-2224	CAMO-17-141972	GELC
MCOI-5	689.04	05/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	2	µg/L	Y	U	U	2017-1505	CAMO-17-132199	GELC
MCOI-5	689.04	02/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2017-993	CAMO-17-129289	GELC
MCOI-5	689.04	11/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	1.87	—	—	1.7	µg/L	Y	J	J	2017-396	CAMO-17-127242	GELC
MCOI-5	689.04	11/08/16	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	Y	1.85	—	—	1.7	µg/L	Y	J	J	2017-396	CAMO-17-127214	GELC
MCOI-5	689.04	11/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	27.9	—	—	1	µg/L	Y	—	NQ	2018-853	CAMO-18-148054	GELC
MCOI-5	689.04	07/31/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	24.3	—	—	1	µg/L	Y	—	NQ	2017-2224	CAMO-17-141972	GELC
MCOI-5	689.04	05/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	23.7	—	—	1	µg/L	Y	—	NQ	2017-1505	CAMO-17-132199	GELC
MCOI-5	689.04	02/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	24.1	—	—	1	µg/L	Y	—	NQ	2017-993	CAMO-17-129289	GELC
MCOI-5	689.04	11/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	23.6	—	—	1	µg/L	Y	—	NQ	2017-396	CAMO-17-127242	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
MCOI-5	689.04	11/08/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	24.7	—	—	1	µg/L	Y	—	NQ	2017-396	CAMO-17-127214	GELC
MCOI-5	689.04	07/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	20.6	—	—	1	µg/L	Y	—	NQ	2016-1786	CAMO-16-124284	GELC
MCOI-5	689.04	05/06/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	19	—	—	1	µg/L	Y	—	NQ	2016-1158	CAMO-16-115269	GELC
MCOI-5	689.04	02/05/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	18	—	—	1	µg/L	Y	—	NQ	2016-699	CAMO-16-110033	GELC
MCOI-5	689.04	02/05/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	17.8	—	—	1	µg/L	Y	—	NQ	2016-699	CAMO-16-110013	GELC
MCOI-5	689.04	11/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	21.7	—	—	15	µg/L	Y	J	J	2018-853	CAMO-18-148054	GELC
MCOI-5	689.04	07/31/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	19.9	—	—	15	µg/L	Y	J	J	2017-2224	CAMO-17-141972	GELC
MCOI-5	689.04	05/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	21.9	—	—	15	µg/L	Y	J	J	2017-1505	CAMO-17-132199	GELC
MCOI-5	689.04	02/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	21	—	—	15	µg/L	Y	J	J	2017-993	CAMO-17-129289	GELC
MCOI-5	689.04	11/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	22.5	—	—	15	µg/L	Y	J	J	2017-396	CAMO-17-127242	GELC
MCOI-5	689.04	11/08/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	Y	23.3	—	—	15	µg/L	Y	J	J	2017-396	CAMO-17-127214	GELC
MCOI-5	689.04	07/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	22.6	—	—	15	µg/L	Y	J	J	2016-1786	CAMO-16-124284	GELC
MCOI-5	689.04	05/06/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	23.6	—	—	15	µg/L	Y	J	J	2016-1158	CAMO-16-115269	GELC
MCOI-5	689.04	02/05/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	23.2	—	—	15	µg/L	Y	J	J	2016-699	CAMO-16-110033	GELC
MCOI-5	689.04	02/05/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	Y	22.4	—	—	15	µg/L	Y	J	J	2016-699	CAMO-16-110013	GELC
MCOI-5	689.04	11/10/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.234	—	—	0.067	mg/L	Y	—	NQ	2018-853	CAMO-18-148054	GELC
MCOI-5	689.04	07/31/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.197	—	—	0.067	mg/L	Y	J	J	2017-2224	CAMO-17-141972	GELC
MCOI-5	689.04	05/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.202	—	—	0.067	mg/L	Y	—	NQ	2017-1505	CAMO-17-132199	GELC
MCOI-5	689.04	02/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.192	—	—	0.067	mg/L	Y	J	J	2017-993	CAMO-17-129289	GELC
MCOI-5	689.04	11/08/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.212	—	—	0.067	mg/L	Y	—	NQ	2017-396	CAMO-17-127242	GELC
MCOI-5	689.04	11/08/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.198	—	—	0.067	mg/L	Y	J	J	2017-396	CAMO-17-127214	GELC
MCOI-5	689.04	07/25/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.214	—	—	0.067	mg/L	Y	—	NQ	2016-1786	CAMO-16-124284	GELC
MCOI-5	689.04	05/06/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.163	—	—	0.067	mg/L	Y	J	J	2016-1158	CAMO-16-115269	GELC
MCOI-5	689.04	02/05/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.147	—	—	0.067	mg/L	Y	J	J	2016-699	CAMO-16-110013	GELC
MCOI-5	689.04	02/05/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.149	—	—	0.067	mg/L	Y	J	J	2016-699	CAMO-16-110033	GELC
MCOI-5	689.04	11/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	36	—	—	0.05	mg/L	Y	—	NQ	2018-853	CAMO-18-148054	GELC
MCOI-5	689.04	07/31/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	31	—	—	0.05	mg/L	Y	—	NQ	2017-2224	CAMO-17-141972	GELC
MCOI-5	689.04	05/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	30.4	—	—	0.05	mg/L	Y	—	NQ	2017-1505	CAMO-17-132199	GELC
MCOI-5	689.04	02/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	32.2	—	—	0.05	mg/L	Y	—	NQ	2017-993	CAMO-17-129289	GELC
MCOI-5	689.04	11/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	31.6	—	—	0.05	mg/L	Y	—	NQ	2017-396	CAMO-17-127242	GELC
MCOI-5	689.04	11/08/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	32	—	—	0.05	mg/L	Y	—	NQ	2017-396	CAMO-17-127214	GELC
MCOI-5	689.04	07/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	26.8	—	—	0.05	mg/L	Y	—	NQ	2016-1786	CAMO-16-124284	GELC
MCOI-5	689.04	05/06/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	24.9	—	—	0.05	mg/L	Y	—	NQ	2016-1158	CAMO-16-115269	GELC
MCOI-5	689.04	02/05/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	23.2	—	—	0.05	mg/L	Y	—	NQ	2016-699	CAMO-16-110033	GELC
MCOI-5	689.04	02/05/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	22.9	—	—	0.05	mg/L	Y	—	NQ	2016-699	CAMO-16-110013	GELC
MCOI-5	689.04	11/10/17	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.654	0.897	3.21	—	pCi/L	Y	U	U	2018-853	CAMO-18-148070	GELC
MCOI-5	689.04	11/08/16	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.508	1.18	4.55	—	pCi/L	Y	U	U	2017-396	CAMO-17-127212	GELC
MCOI-5	689.04	11/08/16	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.394	1.44	5.26	—	pCi/L	Y	U	U	2017-396	CAMO-17-127222	GELC
MCOI-5	689.04	11/16/15	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.81	1.4	4.98	—	pCi/L	Y	U	U	2016-351	CAMO-16-106094	GELC
MCOI-5	689.04	11/18/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.92	1.25	4.99	—	pCi/L	Y	U	U	2015-370	CAMO-15-90207	GELC
MCOI-5	689.04	11/08/13	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.52	0.967	3.24	—	pCi/L	Y	U	U	2014-2433	CAMO-14-45743	GELC
MCOI-5	689.04	11/10/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	14.6	—	—	0.134	mg/L	Y	—	NQ	2018-853	CAMO-18-148054	GELC
MCOI-5	689.04	07/31/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	12.9	—	—	0.134	mg/L	Y	—	NQ	2017-2224	CAMO-17-141972	GELC
MCOI-5	689.04	05/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	12.7	—	—	0.134	mg/L	Y	—	NQ	2017-1505	CAMO-17-132199	GELC
MCOI-5	689.04	02/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	12.9	—	—	0.134	mg/L	Y	—	NQ	2017-993	CAMO-17-129289	GELC
MCOI-5	689.04	11/08/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	13.5	—	—	0.134	mg/L	Y	—	NQ	2017-396	CAMO-17-127242	GELC
MCOI-5	689.04	11/08/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	13.7	—	—	0.134	mg/L	Y	—	NQ	2017-396	CAMO-17-127214	GELC
MCOI-5	689.04	07/25/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	13.3	—	—	0.134	mg/L	Y	—	NQ	2016-1786	CAMO-16-124284	GELC
MCOI-5	689.04	05/06/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	10.9	—	—	0.134	mg/L	Y	—	NQ	2016-1158	CAMO-16-115269	GELC
MCOI-5	689.04	02/05/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	9.41	—	—	0.134	mg/L	Y	—	NQ	2016-699	CAMO-16-110013	GELC
MCOI-5	689.04	02/05/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	9.33	—	—	0.134	mg/L	Y	—	NQ	2016-699	CAMO-16-110033	GELC
MCOI-5	689.04	11/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	6.2	—	—	3	µg/L	Y	J	J	2018-853	CAMO-18-148054	GELC
MCOI-5	689.04	07/31/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.26	—	—	3	µg/L	Y	J	J	2017-2224	CAMO-17-141972	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
MCOI-5	689.04	05/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.53	—	—	3	µg/L	Y	J	J	2017-1505	CAMO-17-132199	GELC
MCOI-5	689.04	02/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	7.4	—	—	3	µg/L	Y	J	J	2017-993	CAMO-17-129289	GELC
MCOI-5	689.04	11/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	9.6	—	—	3	µg/L	Y	J	J	2017-396	CAMO-17-127242	GELC
MCOI-5	689.04	11/08/16	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	9.59	—	—	3	µg/L	Y	J	J	2017-396	CAMO-17-127214	GELC
MCOI-5	689.04	07/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	11.2	—	—	2	µg/L	Y	—	NQ	2016-1786	CAMO-16-124284	GELC
MCOI-5	689.04	05/06/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	13	—	—	2	µg/L	Y	—	NQ	2016-1158	CAMO-16-115269	GELC
MCOI-5	689.04	02/05/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	6.28	—	—	2	µg/L	Y	J	J	2016-699	CAMO-16-110033	GELC
MCOI-5	689.04	02/05/16	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	6.23	—	—	2	µg/L	Y	J	J	2016-699	CAMO-16-110013	GELC
MCOI-5	689.04	11/10/17	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.0595	1.08	4.47	—	pCi/L	Y	U	U	2018-853	CAMO-18-148070	GELC
MCOI-5	689.04	11/08/16	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.43	1.23	4.19	—	pCi/L	Y	U	U	2017-396	CAMO-17-127212	GELC
MCOI-5	689.04	11/08/16	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.42	1.25	5.76	—	pCi/L	Y	U	U	2017-396	CAMO-17-127222	GELC
MCOI-5	689.04	11/16/15	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.04	1.47	5.36	—	pCi/L	Y	U	U	2016-351	CAMO-16-106094	GELC
MCOI-5	689.04	11/18/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.934	1.14	4.23	—	pCi/L	Y	U	U	2015-370	CAMO-15-90207	GELC
MCOI-5	689.04	11/08/13	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.809	1.03	4.03	—	pCi/L	Y	U	U	2014-2433	CAMO-14-45743	GELC
MCOI-5	689.04	11/10/17	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00381	—	—	0.00167	mg/L	Y	J	J	2018-853	CAMO-18-148070	GELC
MCOI-5	689.04	07/31/17	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00333	—	—	0.00167	mg/L	Y	J	J+	2017-2224	CAMO-17-141988	GELC
MCOI-5	689.04	05/09/17	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00425	—	—	0.00167	mg/L	Y	J	J	2017-1505	CAMO-17-132219	GELC
MCOI-5	689.04	02/08/17	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.005	—	—	0.00167	mg/L	Y	U	U	2017-993	CAMO-17-129305	GELC
MCOI-5	689.04	11/08/16	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00238	—	—	0.00167	mg/L	Y	J	J	2017-396	CAMO-17-127222	GELC
MCOI-5	689.04	11/08/16	WG	UF	INIT	FD	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00197	—	—	0.00167	mg/L	Y	J	J	2017-396	CAMO-17-127212	GELC
MCOI-5	689.04	07/25/16	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00185	—	—	0.00167	mg/L	Y	J	J	2016-1786	CAMO-16-124260	GELC
MCOI-5	689.04	05/06/16	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.005	—	—	0.00167	mg/L	Y	U	U	2016-1158	CAMO-16-115246	GELC
MCOI-5	689.04	11/10/17	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	Y	17.8	—	—	3.33	µg/L	Y	—	NQ	2018-853	CAMO-18-148070	GELC
MCOI-5	689.04	05/09/17	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	Y	13.3	—	—	3.16	µg/L	Y	—	NQ	2017-1505	CAMO-17-132219	GELC
MCOI-5	689.04	11/08/16	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	Y	12.6	—	—	3	µg/L	Y	—	NQ	2017-396	CAMO-17-127222	GELC
MCOI-5	689.04	11/08/16	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	Y	14.7	—	—	3.26	µg/L	Y	—	NQ	2017-396	CAMO-17-127212	GELC
MCOI-5	689.04	05/06/16	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	Y	9.6	—	—	3.26	µg/L	Y	J	J	2016-1158	CAMO-16-115246	GELC
MCOI-5	689.04	11/16/15	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	Y	9.6	—	—	1.56	µg/L	Y	—	NQ	2016-351	CAMO-16-106094	GELC
MCOI-5	689.04	05/13/15	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	Y	6.81	—	—	3.06	µg/L	Y	J	J	2015-1200	CAMO-15-95772	GELC
MCOI-5	689.04	11/10/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.114	—	—	0.033	mg/L	Y	—	NQ	2018-853	CAMO-18-148054	GELC
MCOI-5	689.04	07/31/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.12	—	—	0.033	mg/L	Y	—	NQ	2017-2224	CAMO-17-141972	GELC
MCOI-5	689.04	05/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.16	—	—	0.033	mg/L	Y	—	NQ	2017-1505	CAMO-17-132199	GELC
MCOI-5	689.04	02/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0959	—	—	0.033	mg/L	Y	J	J	2017-993	CAMO-17-129289	GELC
MCOI-5	689.04	11/08/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.124	—	—	0.033	mg/L	Y	—	NQ	2017-396	CAMO-17-127242	GELC
MCOI-5	689.04	11/08/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.108	—	—	0.033	mg/L	Y	—	NQ	2017-396	CAMO-17-127214	GELC
MCOI-5	689.04	07/25/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.131	—	—	0.033	mg/L	Y	—	NQ	2016-1786	CAMO-16-124284	GELC
MCOI-5	689.04	05/06/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.13	—	—	0.033	mg/L	Y	—	NQ	2016-1158	CAMO-16-115269	GELC
MCOI-5	689.04	02/05/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.165	—	—	0.033	mg/L	Y	—	NQ	2016-699	CAMO-16-110013	GELC
MCOI-5	689.04	02/05/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.166	—	—	0.033	mg/L	Y	—	NQ	2016-699	CAMO-16-110033	GELC
MCOI-5	689.04	11/10/17	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.0923	0.566	2.31	—	pCi/L	Y	U	U	2018-853	CAMO-18-148070	GELC
MCOI-5	689.04	11/08/16	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	-0.207	0.486	1.84	—	pCi/L	Y	U	U	2017-396	CAMO-17-127212	GELC
MCOI-5	689.04	11/08/16	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	8.03	0.96	1.98	—	pCi/L	Y	—	NQ	2017-396	CAMO-17-127222	GELC
MCOI-5	689.04	11/16/15	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-1.44	0.489	2.92	—	pCi/L	Y	U	U	2016-351	CAMO-16-106094	GELC
MCOI-5	689.04	11/18/14	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-1.2	0.503	2.71	—	pCi/L	Y	U	U	2015-370	CAMO-15-90207	GELC
MCOI-5	689.04	11/08/13	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.883	0.84	2.92	—	pCi/L	Y	U	U	2014-2433	CAMO-14-45743	GELC
MCOI-5	689.04	11/10/17	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.46	0.822	2.87	—	pCi/L	Y	U	U	2018-853	CAMO-18-148070	GELC
MCOI-5	689.04	11/08/16	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	1.62	0.621	2	—	pCi/L	Y	U	U	2017-396	CAMO-17-127212	GELC
MCOI-5	689.04	11/08/16	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.24	0.582	1.81	—	pCi/L	Y	—	NQ	2017-396	CAMO-17-127222	GELC
MCOI-5	689.04	11/16/15	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.16	0.857	2.58	—	pCi/L	Y	U	U	2016-351	CAMO-16-106094	GELC
MCOI-5	689.04	11/18/14	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	-0.369	0.583	2.16	—	pCi/L	Y	U	U	2015-370	CAMO-15-90207	GELC
MCOI-5	689.04	11/08/13	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.857	0.668	2.26	—	pCi/L	Y	U	U	2014-2433	CAMO-14-45743	GELC
MCOI-5	689.04	11/10/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	118	—	—	0.453	mg/L	Y	—	NQ	2018-853	CAMO-18-148054	GELC
MCOI-5	689.04	07/31/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	99.8	—	—	0.453	mg/L	Y	—	NQ	2017-2224	CAMO-17-141972	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
MCOI-5	689.04	05/09/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	98.8	—	—	0.453	mg/L	Y	—	NQ	2017-1505	CAMO-17-132199	GELC
MCOI-5	689.04	02/08/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	105	—	—	0.453	mg/L	Y	—	NQ	2017-993	CAMO-17-129289	GELC
MCOI-5	689.04	11/08/16	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	104	—	—	0.453	mg/L	Y	—	NQ	2017-396	CAMO-17-127214	GELC
MCOI-5	689.04	11/08/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	103	—	—	0.453	mg/L	Y	—	NQ	2017-396	CAMO-17-127242	GELC
MCOI-5	689.04	07/25/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	87.2	—	—	0.453	mg/L	Y	—	NQ	2016-1786	CAMO-16-124284	GELC
MCOI-5	689.04	05/06/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	81.8	—	—	0.453	mg/L	Y	—	NQ	2016-1158	CAMO-16-115269	GELC
MCOI-5	689.04	02/05/16	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	75.3	—	—	0.453	mg/L	Y	—	NQ	2016-699	CAMO-16-110013	GELC
MCOI-5	689.04	02/05/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	76.1	—	—	0.453	mg/L	Y	—	NQ	2016-699	CAMO-16-110033	GELC
MCOI-5	689.04	11/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.77	—	—	0.11	mg/L	Y	—	NQ	2018-853	CAMO-18-148054	GELC
MCOI-5	689.04	07/31/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.43	—	—	0.11	mg/L	Y	—	NQ	2017-2224	CAMO-17-141972	GELC
MCOI-5	689.04	05/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.58	—	—	0.11	mg/L	Y	—	NQ	2017-1505	CAMO-17-132199	GELC
MCOI-5	689.04	02/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.91	—	—	0.11	mg/L	Y	—	NQ	2017-993	CAMO-17-129289	GELC
MCOI-5	689.04	11/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.88	—	—	0.11	mg/L	Y	—	NQ	2017-396	CAMO-17-127242	GELC
MCOI-5	689.04	11/08/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.91	—	—	0.11	mg/L	Y	—	NQ	2017-396	CAMO-17-127214	GELC
MCOI-5	689.04	07/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.89	—	—	0.11	mg/L	Y	—	NQ	2016-1786	CAMO-16-124284	GELC
MCOI-5	689.04	05/06/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.73	—	—	0.11	mg/L	Y	—	NQ	2016-1158	CAMO-16-115269	GELC
MCOI-5	689.04	02/05/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.41	—	—	0.11	mg/L	Y	—	NQ	2016-699	CAMO-16-110033	GELC
MCOI-5	689.04	02/05/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.4	—	—	0.11	mg/L	Y	—	NQ	2016-699	CAMO-16-110013	GELC
MCOI-5	689.04	11/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.914	—	—	0.2	µg/L	Y	—	NQ	2018-853	CAMO-18-148054	GELC
MCOI-5	689.04	07/31/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.886	—	—	0.2	µg/L	Y	—	NQ	2017-2224	CAMO-17-141972	GELC
MCOI-5	689.04	05/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.725	—	—	0.2	µg/L	Y	—	NQ	2017-1505	CAMO-17-132199	GELC
MCOI-5	689.04	02/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.88	—	—	0.3	µg/L	Y	—	NQ	2017-993	CAMO-17-129289	GELC
MCOI-5	689.04	11/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.978	—	—	0.3	µg/L	Y	—	NQ	2017-396	CAMO-17-127242	GELC
MCOI-5	689.04	11/08/16	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.978	—	—	0.3	µg/L	Y	—	NQ	2017-396	CAMO-17-127214	GELC
MCOI-5	689.04	07/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	1.07	—	—	0.165	µg/L	Y	—	U	2016-1786	CAMO-16-124284	GELC
MCOI-5	689.04	05/06/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.14	—	—	0.165	µg/L	Y	—	J	2016-1158	CAMO-16-115269	GELC
MCOI-5	689.04	02/05/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.49	—	—	0.165	µg/L	Y	—	J	2016-699	CAMO-16-110033	GELC
MCOI-5	689.04	02/05/16	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.38	—	—	0.165	µg/L	Y	—	J	2016-699	CAMO-16-110013	GELC
MCOI-5	689.04	11/10/17	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.34	2.01	7.09	—	pCi/L	Y	U	U	2018-853	CAMO-18-148070	GELC
MCOI-5	689.04	11/08/16	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.81	2.34	7.12	—	pCi/L	Y	U	U	2017-396	CAMO-17-127212	GELC
MCOI-5	689.04	11/08/16	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.89	3.09	10.9	—	pCi/L	Y	U	U	2017-396	CAMO-17-127222	GELC
MCOI-5	689.04	11/16/15	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-4.61	2.87	8.94	—	pCi/L	Y	U	U	2016-351	CAMO-16-106094	GELC
MCOI-5	689.04	11/18/14	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.24	2.67	9.16	—	pCi/L	Y	U	U	2015-370	CAMO-15-90207	GELC
MCOI-5	689.04	11/08/13	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	3.4	2.25	8.21	—	pCi/L	Y	U	U	2014-2433	CAMO-14-45743	GELC
MCOI-5	689.04	11/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.42	—	—	0.6	µg/L	Y	J	J	2018-853	CAMO-18-148054	GELC
MCOI-5	689.04	02/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.551	—	—	0.5	µg/L	Y	J	J	2017-993	CAMO-17-129289	GELC
MCOI-5	689.04	11/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.801	—	—	0.5	µg/L	Y	J	J	2017-396	CAMO-17-127242	GELC
MCOI-5	689.04	11/08/16	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.783	—	—	0.5	µg/L	Y	J	J	2017-396	CAMO-17-127214	GELC
MCOI-5	689.04	07/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.907	—	—	0.5	µg/L	Y	J	J	2016-1786	CAMO-16-124284	GELC
MCOI-5	689.04	05/06/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.38	—	—	0.5	µg/L	Y	J	J	2016-1158	CAMO-16-115269	GELC
MCOI-5	689.04	02/05/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.593	—	—	0.5	µg/L	Y	J	J	2016-699	CAMO-16-110033	GELC
MCOI-5	689.04	02/05/16	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.557	—	—	0.5	µg/L	Y	J	J	2016-699	CAMO-16-110013	GELC
MCOI-5	689.04	11/10/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	15	—	—	0.85	mg/L	Y	—	NQ	2018-853	CAMO-18-148054	GELC
MCOI-5	689.04	07/31/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	11.2	—	—	0.17	mg/L	Y	—	NQ	2017-2224	CAMO-17-141972	GELC
MCOI-5	689.04	05/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	11.4	—	—	0.425	mg/L	Y	—	NQ	2017-1505	CAMO-17-132199	GELC
MCOI-5	689.04	02/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	10.3	—	—	0.17	mg/L	Y	—	NQ	2017-993	CAMO-17-129289	GELC
MCOI-5	689.04	11/08/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	10	—	—	0.17	mg/L	Y	—	NQ	2017-396	CAMO-17-127242	GELC
MCOI-5	689.04	11/08/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	10.2	—	—	0.17	mg/L	Y	—	NQ	2017-396	CAMO-17-127214	GELC
MCOI-5	689.04	07/25/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	6.45	—	—	0.085	mg/L	Y	—	NQ	2016-1786	CAMO-16-124284	GELC
MCOI-5	689.04	05/06/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	6.4	—	—	1.7	mg/L	Y	—	NQ	2016-1158	CAMO-16-115269	GELC
MCOI-5	689.04	02/05/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.6	—	—	0.17	mg/L	Y	—	NQ	2016-699	CAMO-16-110013	GELC
MCOI-5	689.04	02/05/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.5	—	—	0.17	mg/L	Y	—	NQ	2016-699	CAMO-16-110033	GELC
MCOI-5	689.04	11/10/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	202	—	—	10	µg/L	Y	—	NQ	2018-853	CAMO-18-148054	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
MCOI-5	689.04	07/31/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	196	—	—	10	µg/L	Y	—	NQ	2017-2224	CAMO-17-141972	GELC
MCOI-5	689.04	05/09/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	188	—	—	10	µg/L	Y	—	NQ	2017-1505	CAMO-17-132199	GELC
MCOI-5	689.04	02/08/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	174	—	—	12.5	µg/L	Y	—	NQ	2017-993	CAMO-17-129289	GELC
MCOI-5	689.04	11/08/16	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	170	—	—	12.5	µg/L	Y	—	NQ	2017-396	CAMO-17-127214	GELC
MCOI-5	689.04	11/08/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	164	—	—	10	µg/L	Y	—	NQ	2017-396	CAMO-17-127242	GELC
MCOI-5	689.04	07/25/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	116	—	—	10	µg/L	Y	—	J+	2016-1786	CAMO-16-124284	GELC
MCOI-5	689.04	05/06/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	98.2	—	—	5	µg/L	Y	—	NQ	2016-1158	CAMO-16-115269	GELC
MCOI-5	689.04	02/05/16	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	99.4	—	—	10	µg/L	Y	—	NQ	2016-699	CAMO-16-110013	GELC
MCOI-5	689.04	02/05/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	99.4	—	—	10	µg/L	Y	—	NQ	2016-699	CAMO-16-110033	GELC
MCOI-5	689.04	11/10/17	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0381	0.0633	0.112	—	pCi/L	Y	U	U	2018-853	CAMO-18-148070	GELC
MCOI-5	689.04	11/08/16	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0127	0.00599	0.049	—	pCi/L	Y	U	U	2017-396	CAMO-17-127212	GELC
MCOI-5	689.04	11/08/16	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00833	0.00658	0.0482	—	pCi/L	Y	U	U	2017-396	CAMO-17-127222	GELC
MCOI-5	689.04	11/16/15	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00413	0.00653	0.0242	—	pCi/L	Y	U	U	2016-351	CAMO-16-106094	GELC
MCOI-5	689.04	11/18/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0104	0.0104	0.0466	—	pCi/L	Y	U	U	2015-370	CAMO-15-90207	GELC
MCOI-5	689.04	11/08/13	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0151	0.0113	0.0556	—	pCi/L	Y	U	U	2014-2433	CAMO-14-45743	GELC
MCOI-5	689.04	11/10/17	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0228	0.0314	0.161	—	pCi/L	Y	U	U	2018-853	CAMO-18-148070	GELC
MCOI-5	689.04	11/08/16	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0127	0.00598	0.0371	—	pCi/L	Y	U	U	2017-396	CAMO-17-127212	GELC
MCOI-5	689.04	11/08/16	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.025	0.00832	0.0365	—	pCi/L	Y	U	U	2017-396	CAMO-17-127222	GELC
MCOI-5	689.04	11/16/15	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0165	0.00715	0.0464	—	pCi/L	Y	U	U	2016-351	CAMO-16-106094	GELC
MCOI-5	689.04	11/18/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00348	0.00602	0.0688	—	pCi/L	Y	U	U	2015-370	CAMO-15-90207	GELC
MCOI-5	689.04	11/08/13	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0303	0.0175	0.0885	—	pCi/L	Y	U	U	2014-2433	CAMO-14-45743	GELC
MCOI-5	689.04	11/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.655	—	—	0.05	mg/L	Y	—	NQ	2018-853	CAMO-18-148054	GELC
MCOI-5	689.04	07/31/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.534	—	—	0.05	mg/L	Y	—	NQ	2017-2224	CAMO-17-141972	GELC
MCOI-5	689.04	05/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.605	—	—	0.05	mg/L	Y	—	NQ	2017-1505	CAMO-17-132199	GELC
MCOI-5	689.04	02/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.612	—	—	0.05	mg/L	Y	—	NQ	2017-993	CAMO-17-129289	GELC
MCOI-5	689.04	11/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.572	—	—	0.05	mg/L	Y	—	NQ	2017-396	CAMO-17-127242	GELC
MCOI-5	689.04	11/08/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	0.507	—	—	0.05	mg/L	Y	—	NQ	2017-396	CAMO-17-127214	GELC
MCOI-5	689.04	07/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.466	—	—	0.05	mg/L	Y	—	NQ	2016-1786	CAMO-16-124284	GELC
MCOI-5	689.04	05/06/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.518	—	—	0.05	mg/L	Y	—	NQ	2016-1158	CAMO-16-115269	GELC
MCOI-5	689.04	02/05/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.538	—	—	0.05	mg/L	Y	—	NQ	2016-699	CAMO-16-110033	GELC
MCOI-5	689.04	02/05/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	0.534	—	—	0.05	mg/L	Y	—	NQ	2016-699	CAMO-16-110013	GELC
MCOI-5	689.04	11/10/17	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	13.2	18.2	50.1	—	pCi/L	Y	U	U	2018-853	CAMO-18-148070	GELC
MCOI-5	689.04	11/08/16	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-4.1	16	65.8	—	pCi/L	Y	U	U	2017-396	CAMO-17-127212	GELC
MCOI-5	689.04	11/08/16	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-26.3	22.5	82.6	—	pCi/L	Y	U	U	2017-396	CAMO-17-127222	GELC
MCOI-5	689.04	11/16/15	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	0.488	17.2	67.1	—	pCi/L	Y	U	U	2016-351	CAMO-16-106094	GELC
MCOI-5	689.04	11/18/14	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	2.43	19.9	51.5	—	pCi/L	Y	U	U	2015-370	CAMO-15-90207	GELC
MCOI-5	689.04	11/08/13	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	3.82	19.9	34.4	—	pCi/L	Y	U	U	2014-2433	CAMO-14-45743	GELC
MCOI-5	689.04	11/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	63.2	—	—	0.053	mg/L	Y	—	NQ	2018-853	CAMO-18-148054	GELC
MCOI-5	689.04	07/31/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	60.3	—	—	0.053	mg/L	Y	—	NQ	2017-2224	CAMO-17-141972	GELC
MCOI-5	689.04	05/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	62.8	—	—	0.053	mg/L	Y	—	NQ	2017-1505	CAMO-17-132199	GELC
MCOI-5	689.04	02/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.8	—	—	0.053	mg/L	Y	—	NQ	2017-993	CAMO-17-129289	GELC
MCOI-5	689.04	11/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.3	—	—	0.053	mg/L	Y	—	NQ	2017-396	CAMO-17-127242	GELC
MCOI-5	689.04	11/08/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.4	—	—	0.053	mg/L	Y	—	NQ	2017-396	CAMO-17-127214	GELC
MCOI-5	689.04	07/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.3	—	—	0.053	mg/L	Y	—	NQ	2016-1786	CAMO-16-124284	GELC
MCOI-5	689.04	05/06/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.4	—	—	0.053	mg/L	Y	—	NQ	2016-1158	CAMO-16-115269	GELC
MCOI-5	689.04	02/05/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.5	—	—	0.053	mg/L	Y	—	NQ	2016-699	CAMO-16-110033	GELC
MCOI-5	689.04	02/05/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.6	—	—	0.053	mg/L	Y	—	NQ	2016-699	CAMO-16-110013	GELC
MCOI-5	689.04	11/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	15.9	—	—	0.1	mg/L	Y	—	NQ	2018-853	CAMO-18-148054	GELC
MCOI-5	689.04	07/31/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	15.2	—	—	0.1	mg/L	Y	—	NQ	2017-2224	CAMO-17-141972	GELC
MCOI-5	689.04	05/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	17.4	—	—	0.1	mg/L	Y	—	NQ	2017-1505	CAMO-17-132199	GELC
MCOI-5	689.04	02/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	16	—	—	0.1	mg/L	Y	—	NQ	2017-993	CAMO-17-129289	GELC
MCOI-5	689.04	11/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	15.5	—	—	0.1	mg/L	Y	—	NQ	2017-396	CAMO-17-127242	GELC
MCOI-5	689.04	11/08/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	15.1	—	—	0.1	mg/L	Y	—	NQ	2017-396	CAMO-17-127214	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
MCOI-5	689.04	07/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	15.7	—	—	0.1	mg/L	Y	—	NQ	2016-1786	CAMO-16-124284	GELC
MCOI-5	689.04	05/06/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	15.8	—	—	0.1	mg/L	Y	—	NQ	2016-1158	CAMO-16-115269	GELC
MCOI-5	689.04	02/05/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	13.9	—	—	0.1	mg/L	Y	—	NQ	2016-699	CAMO-16-110033	GELC
MCOI-5	689.04	02/05/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	14	—	—	0.1	mg/L	Y	—	NQ	2016-699	CAMO-16-110013	GELC
MCOI-5	689.04	11/10/17	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.477	1.07	4.04	—	pCi/L	Y	U	U	2018-853	CAMO-18-148070	GELC
MCOI-5	689.04	11/08/16	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	0.599	1.12	4.74	—	pCi/L	Y	U	U	2017-396	CAMO-17-127212	GELC
MCOI-5	689.04	11/08/16	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.62	1.34	4.69	—	pCi/L	Y	U	U	2017-396	CAMO-17-127222	GELC
MCOI-5	689.04	11/16/15	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.74	1.26	4.72	—	pCi/L	Y	U	U	2016-351	CAMO-16-106094	GELC
MCOI-5	689.04	11/18/14	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.08	1.31	4.06	—	pCi/L	Y	U	U	2015-370	CAMO-15-90207	GELC
MCOI-5	689.04	11/08/13	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.552	1.22	4.05	—	pCi/L	Y	U	U	2014-2433	CAMO-14-45743	GELC
MCOI-5	689.04	11/10/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	352	—	—	1	µS/cm	Y	—	NQ	2018-853	CAMO-18-148054	GELC
MCOI-5	689.04	07/31/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	337	—	—	1	µS/cm	Y	—	NQ	2017-2224	CAMO-17-141972	GELC
MCOI-5	689.04	05/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	265	—	—	1	µS/cm	Y	—	NQ	2017-1505	CAMO-17-132199	GELC
MCOI-5	689.04	02/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	281	—	—	1	µS/cm	Y	—	NQ	2017-993	CAMO-17-129289	GELC
MCOI-5	689.04	11/08/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	286	—	—	1	µS/cm	Y	—	NQ	2017-396	CAMO-17-127242	GELC
MCOI-5	689.04	11/08/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	292	—	—	1	µS/cm	Y	—	NQ	2017-396	CAMO-17-127214	GELC
MCOI-5	689.04	07/25/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	264	—	—	3.63	µS/cm	Y	—	NQ	2016-1786	CAMO-16-124284	GELC
MCOI-5	689.04	05/06/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	247	—	—	3.63	µS/cm	Y	—	NQ	2016-1158	CAMO-16-115269	GELC
MCOI-5	689.04	02/05/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	249	—	—	1	µS/cm	Y	—	NQ	2016-699	CAMO-16-110013	GELC
MCOI-5	689.04	02/05/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	246	—	—	1	µS/cm	Y	—	NQ	2016-699	CAMO-16-110033	GELC
MCOI-5	689.04	11/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	160	—	—	1	µg/L	Y	—	NQ	2018-853	CAMO-18-148054	GELC
MCOI-5	689.04	07/31/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	142	—	—	1	µg/L	Y	—	NQ	2017-2224	CAMO-17-141972	GELC
MCOI-5	689.04	05/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	145	—	—	1	µg/L	Y	—	NQ	2017-1505	CAMO-17-132199	GELC
MCOI-5	689.04	02/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	145	—	—	1	µg/L	Y	—	NQ	2017-993	CAMO-17-129289	GELC
MCOI-5	689.04	11/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	133	—	—	1	µg/L	Y	—	NQ	2017-396	CAMO-17-127242	GELC
MCOI-5	689.04	11/08/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	134	—	—	1	µg/L	Y	—	NQ	2017-396	CAMO-17-127214	GELC
MCOI-5	689.04	07/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	131	—	—	1	µg/L	Y	—	NQ	2016-1786	CAMO-16-124284	GELC
MCOI-5	689.04	05/06/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	107	—	—	1	µg/L	Y	—	NQ	2016-1158	CAMO-16-115269	GELC
MCOI-5	689.04	02/05/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	99.3	—	—	1	µg/L	Y	—	NQ	2016-699	CAMO-16-110033	GELC
MCOI-5	689.04	02/05/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	98.8	—	—	1	µg/L	Y	—	NQ	2016-699	CAMO-16-110013	GELC
MCOI-5	689.04	11/10/17	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.26	0.0967	0.437	—	pCi/L	Y	U	U	2018-853	CAMO-18-148070	GELC
MCOI-5	689.04	11/08/16	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.234	0.128	0.493	—	pCi/L	Y	U	U	2017-396	CAMO-17-127212	GELC
MCOI-5	689.04	11/08/16	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.367	0.122	0.494	—	pCi/L	Y	U	U	2017-396	CAMO-17-127222	GELC
MCOI-5	689.04	11/16/15	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0183	0.118	0.408	—	pCi/L	Y	U	U	2016-351	CAMO-16-106094	GELC
MCOI-5	689.04	11/18/14	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.282	0.105	0.465	—	pCi/L	Y	U	U	2015-370	CAMO-15-90207	GELC
MCOI-5	689.04	11/08/13	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.201	0.144	0.484	—	pCi/L	Y	U	U	2014-2433	CAMO-14-45743	GELC
MCOI-5	689.04	11/10/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	31	—	—	0.266	mg/L	Y	—	NQ	2018-853	CAMO-18-148054	GELC
MCOI-5	689.04	07/31/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	25.7	—	—	0.266	mg/L	Y	—	NQ	2017-2224	CAMO-17-141972	GELC
MCOI-5	689.04	05/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	25.5	—	—	0.266	mg/L	Y	—	NQ	2017-1505	CAMO-17-132199	GELC
MCOI-5	689.04	02/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	24.7	—	—	0.266	mg/L	Y	—	NQ	2017-993	CAMO-17-129289	GELC
MCOI-5	689.04	11/08/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	24	—	—	0.266	mg/L	Y	—	NQ	2017-396	CAMO-17-127242	GELC
MCOI-5	689.04	11/08/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	24.5	—	—	0.266	mg/L	Y	—	NQ	2017-396	CAMO-17-127214	GELC
MCOI-5	689.04	07/25/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	21.3	—	—	0.266	mg/L	Y	—	NQ	2016-1786	CAMO-16-124284	GELC
MCOI-5	689.04	05/06/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	18.5	—	—	0.133	mg/L	Y	—	NQ	2016-1158	CAMO-16-115269	GELC
MCOI-5	689.04	02/05/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	17	—	—	0.133	mg/L	Y	—	NQ	2016-699	CAMO-16-110013	GELC
MCOI-5	689.04	02/05/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	16.9	—	—	0.133	mg/L	Y	—	NQ	2016-699	CAMO-16-110033	GELC
MCOI-5	689.04	11/10/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-853	CAMO-18-148054	GELC
MCOI-5	689.04	11/10/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-853	CAMO-18-148070	GELC
MCOI-5	689.04	07/31/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	2017-2224	CAMO-17-141988	GELC
MCOI-5	689.04	07/31/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	2017-2224	CAMO-17-141972	GELC
MCOI-5	689.04	05/09/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2017-1505	CAMO-17-132199	GELC
MCOI-5	689.04	05/09/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2017-1505	CAMO-17-132219	GELC
MCOI-5	689.04	11/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	3.87	—	—	2.5	µg/L	Y	J	J	2018-853	CAMO-18-148054	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
MCOI-5	689.04	07/31/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	2.61	—	—	2.5	µg/L	Y	J	J	2017-2224	CAMO-17-141972	GELC
MCOI-5	689.04	02/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	3.17	—	—	2.5	µg/L	Y	J	J	2017-993	CAMO-17-129289	GELC
MCOI-5	689.04	11/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	2.55	—	—	2.5	µg/L	Y	J	J	2017-396	CAMO-17-127242	GELC
MCOI-5	689.04	11/08/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Tin	Sn	Y	2.67	—	—	2.5	µg/L	Y	J	J	2017-396	CAMO-17-127214	GELC
MCOI-5	689.04	07/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	2016-1786	CAMO-16-124284	GELC
MCOI-5	689.04	05/06/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	3.38	—	—	2.5	µg/L	Y	J	J	2016-1158	CAMO-16-115269	GELC
MCOI-5	689.04	02/05/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	2016-699	CAMO-16-110033	GELC
MCOI-5	689.04	02/05/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	2016-699	CAMO-16-110013	GELC
MCOI-5	689.04	11/10/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	267	—	—	3.4	mg/L	Y	—	NQ	2018-853	CAMO-18-148054	GELC
MCOI-5	689.04	07/31/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	257	—	—	3.4	mg/L	Y	—	NQ	2017-2224	CAMO-17-141972	GELC
MCOI-5	689.04	05/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	233	—	—	3.4	mg/L	Y	—	NQ	2017-1505	CAMO-17-132199	GELC
MCOI-5	689.04	02/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	227	—	—	3.4	mg/L	Y	—	NQ	2017-993	CAMO-17-129289	GELC
MCOI-5	689.04	11/08/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	240	—	—	3.4	mg/L	Y	—	NQ	2017-396	CAMO-17-127214	GELC
MCOI-5	689.04	11/08/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	240	—	—	3.4	mg/L	Y	—	NQ	2017-396	CAMO-17-127242	GELC
MCOI-5	689.04	07/25/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	233	—	—	3.4	mg/L	Y	—	NQ	2016-1786	CAMO-16-124284	GELC
MCOI-5	689.04	05/06/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	197	—	—	3.4	mg/L	Y	—	NQ	2016-1158	CAMO-16-115269	GELC
MCOI-5	689.04	02/05/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	193	—	—	3.4	mg/L	Y	—	NQ	2016-699	CAMO-16-110013	GELC
MCOI-5	689.04	02/05/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	170	—	—	3.4	mg/L	Y	—	NQ	2016-699	CAMO-16-110033	GELC
MCOI-5	689.04	02/08/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.14	—	—	0.033	mg/L	Y	—	NQ	2017-993	CAMO-17-129305	GELC
MCOI-5	689.04	11/08/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2017-396	CAMO-17-127222	GELC
MCOI-5	689.04	11/08/16	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2017-396	CAMO-17-127212	GELC
MCOI-5	689.04	07/25/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0501	—	—	0.033	mg/L	Y	J	J	2016-1786	CAMO-16-124260	GELC
MCOI-5	689.04	05/06/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2016-1158	CAMO-16-115246	GELC
MCOI-5	689.04	02/05/16	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2016-699	CAMO-16-110011	GELC
MCOI-5	689.04	02/05/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2016-699	CAMO-16-110015	GELC
MCOI-5	689.04	11/10/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.509	—	—	0.33	mg/L	Y	J	J	2018-853	CAMO-18-148070	GELC
MCOI-5	689.04	07/31/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.341	—	—	0.33	mg/L	Y	J	J	2017-2224	CAMO-17-141988	GELC
MCOI-5	689.04	05/09/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.453	—	—	0.33	mg/L	Y	J	J	2017-1505	CAMO-17-132219	GELC
MCOI-5	689.04	02/08/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.454	—	—	0.33	mg/L	Y	J	J	2017-993	CAMO-17-129305	GELC
MCOI-5	689.04	11/08/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.38	—	—	0.33	mg/L	Y	J	J	2017-396	CAMO-17-127222	GELC
MCOI-5	689.04	11/08/16	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.381	—	—	0.33	mg/L	Y	J	J	2017-396	CAMO-17-127212	GELC
MCOI-5	689.04	07/25/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.436	—	—	0.33	mg/L	Y	J	J	2016-1786	CAMO-16-124260	GELC
MCOI-5	689.04	05/06/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.386	—	—	0.33	mg/L	Y	J	J	2016-1158	CAMO-16-115246	GELC
MCOI-5	689.04	02/05/16	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.346	—	—	0.33	mg/L	Y	J	J	2016-699	CAMO-16-110011	GELC
MCOI-5	689.04	02/05/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.355	—	—	0.33	mg/L	Y	J	J	2016-699	CAMO-16-110015	GELC
MCOI-5	689.04	11/10/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0841	—	—	0.02	mg/L	Y	—	NQ	2018-853	CAMO-18-148054	GELC
MCOI-5	689.04	07/31/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0236	—	—	0.02	mg/L	Y	J	J	2017-2224	CAMO-17-141972	GELC
MCOI-5	689.04	05/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0549	—	—	0.02	mg/L	Y	—	NQ	2017-1505	CAMO-17-132199	GELC
MCOI-5	689.04	02/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.303	—	—	0.02	mg/L	Y	—	NQ	2017-993	CAMO-17-129289	GELC
MCOI-5	689.04	11/08/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0936	—	—	0.02	mg/L	Y	—	NQ	2017-396	CAMO-17-127242	GELC
MCOI-5	689.04	11/08/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0428	—	—	0.02	mg/L	Y	J	J	2017-396	CAMO-17-127214	GELC
MCOI-5	689.04	07/25/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0591	—	—	0.02	mg/L	Y	—	NQ	2016-1786	CAMO-16-124284	GELC
MCOI-5	689.04	05/06/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.042	—	—	0.02	mg/L	Y	J	J	2016-1158	CAMO-16-115269	GELC
MCOI-5	689.04	02/05/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0337	—	—	0.017	mg/L	Y	J	J	2016-699	CAMO-16-110013	GELC
MCOI-5	689.04	02/05/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0384	—	—	0.017	mg/L	Y	J	J	2016-699	CAMO-16-110033	GELC
MCOI-5	689.04	11/10/17	WG	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	Y	4500	122	142	—	pCi/L	Y	—	NQ	2018-853	CAMO-18-148070	GELC
MCOI-5	689.04	11/08/16	WG	UF	INIT	FD	RAD	EPA:906.0	Tritium	H-3	Y	3870	120	144	—	pCi/L	Y	—	NQ	2017-396	CAMO-17-127212	GELC
MCOI-5	689.04	11/08/16	WG	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	Y	4120	121	140	—	pCi/L	Y	—	NQ	2017-396	CAMO-17-127222	GELC
MCOI-5	689.04	11/16/15	WG	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	Y	3140	136	166	—	pCi/L	Y	—	NQ	2016-351	CAMO-16-106094	GELC
MCOI-5	689.04	11/18/14	WG	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	Y	2610	137	193	—	pCi/L	Y	—	NQ	2015-370	CAMO-15-90207	GELC
MCOI-5	689.04	11/08/13	WG	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	Y	2100	92.5	126	—	pCi/L	Y	—	NQ	2014-2433	CAMO-14-45743	GELC
MCOI-5	689.04	11/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.145	—	—	0.067	µg/L	Y	J	J	2018-853	CAMO-18-148054	GELC
MCOI-5	689.04	07/31/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.141	—	—	0.067	µg/L	Y	J	J	2017-2224	CAMO-17-141972	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
MCOI-5	689.04	05/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.161	—	—	0.067	µg/L	Y	J	J	2017-1505	CAMO-17-132199	GELC
MCOI-5	689.04	02/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.163	—	—	0.067	µg/L	Y	J	J	2017-993	CAMO-17-129289	GELC
MCOI-5	689.04	11/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.188	—	—	0.067	µg/L	Y	J	J	2017-396	CAMO-17-127242	GELC
MCOI-5	689.04	11/08/16	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.177	—	—	0.067	µg/L	Y	J	J	2017-396	CAMO-17-127214	GELC
MCOI-5	689.04	07/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.163	—	—	0.067	µg/L	Y	J	J	2016-1786	CAMO-16-124284	GELC
MCOI-5	689.04	05/06/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.144	—	—	0.067	µg/L	Y	J	J	2016-1158	CAMO-16-115269	GELC
MCOI-5	689.04	02/05/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.159	—	—	0.067	µg/L	Y	J	J	2016-699	CAMO-16-110033	GELC
MCOI-5	689.04	02/05/16	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.146	—	—	0.067	µg/L	Y	J	J	2016-699	CAMO-16-110013	GELC
MCOI-5	689.04	11/10/17	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.132	0.0243	0.126	—	pCi/L	Y	—	J	2018-853	CAMO-18-148070	GELC
MCOI-5	689.04	11/08/16	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.177	0.0216	0.108	—	pCi/L	Y	—	NQ	2017-396	CAMO-17-127212	GELC
MCOI-5	689.04	11/08/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.13	0.0184	0.109	—	pCi/L	Y	—	NQ	2017-396	CAMO-17-127222	GELC
MCOI-5	689.04	11/16/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.0883	0.0133	0.06	—	pCi/L	Y	—	NQ	2016-351	CAMO-16-106094	GELC
MCOI-5	689.04	11/18/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.0864	0.036	0.118	—	pCi/L	Y	U	U	2015-370	CAMO-15-90207	GELC
MCOI-5	689.04	11/08/13	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.08	0.0298	0.143	—	pCi/L	Y	U	U	2014-2433	CAMO-14-45743	GELC
MCOI-5	689.04	11/10/17	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0531	0.0168	0.0544	—	pCi/L	Y	U	U	2018-853	CAMO-18-148070	GELC
MCOI-5	689.04	11/08/16	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0277	0.0102	0.0731	—	pCi/L	Y	U	U	2017-396	CAMO-17-127212	GELC
MCOI-5	689.04	11/08/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00928	0.00692	0.0733	—	pCi/L	Y	U	U	2017-396	CAMO-17-127222	GELC
MCOI-5	689.04	11/16/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0114	0.00601	0.0524	—	pCi/L	Y	U	U	2016-351	CAMO-16-106094	GELC
MCOI-5	689.04	11/18/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00712	0.0214	0.103	—	pCi/L	Y	U	U	2015-370	CAMO-15-90207	GELC
MCOI-5	689.04	11/08/13	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.0165	0.0165	0.0826	—	pCi/L	Y	U	U	2014-2433	CAMO-14-45743	GELC
MCOI-5	689.04	11/10/17	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0784	0.0188	0.0737	—	pCi/L	Y	—	J	2018-853	CAMO-18-148070	GELC
MCOI-5	689.04	11/08/16	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.115	0.0176	0.0829	—	pCi/L	Y	—	NQ	2017-396	CAMO-17-127212	GELC
MCOI-5	689.04	11/08/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0726	0.0148	0.0833	—	pCi/L	Y	U	U	2017-396	CAMO-17-127222	GELC
MCOI-5	689.04	11/16/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0478	0.0107	0.0593	—	pCi/L	Y	U	U	2016-351	CAMO-16-106094	GELC
MCOI-5	689.04	11/18/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0461	0.0258	0.113	—	pCi/L	Y	U	U	2015-370	CAMO-15-90207	GELC
MCOI-5	689.04	11/08/13	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0333	0.0176	0.074	—	pCi/L	Y	U	U	2014-2433	CAMO-14-45743	GELC
MCOI-5	689.04	11/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.51	—	—	1	µg/L	Y	J	J	2018-853	CAMO-18-148054	GELC
MCOI-5	689.04	07/31/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.25	—	—	1	µg/L	Y	J	J	2017-2224	CAMO-17-141972	GELC
MCOI-5	689.04	05/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.54	—	—	1	µg/L	Y	J	J	2017-1505	CAMO-17-132199	GELC
MCOI-5	689.04	02/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.77	—	—	1	µg/L	Y	J	J	2017-993	CAMO-17-129289	GELC
MCOI-5	689.04	11/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.96	—	—	1	µg/L	Y	J	J	2017-396	CAMO-17-127242	GELC
MCOI-5	689.04	11/08/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.06	—	—	1	µg/L	Y	J	J	2017-396	CAMO-17-127214	GELC
MCOI-5	689.04	07/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.81	—	—	1	µg/L	Y	J	J	2016-1786	CAMO-16-124284	GELC
MCOI-5	689.04	05/06/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.07	—	—	1	µg/L	Y	J	J	2016-1158	CAMO-16-115269	GELC
MCOI-5	689.04	02/05/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.81	—	—	1	µg/L	Y	J	J	2016-699	CAMO-16-110033	GELC
MCOI-5	689.04	02/05/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.74	—	—	1	µg/L	Y	J	J	2016-699	CAMO-16-110013	GELC
MCOI-5	689.04	11/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	5.93	—	—	3.3	µg/L	Y	J	J	2018-853	CAMO-18-148054	GELC
MCOI-5	689.04	07/31/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	2017-2224	CAMO-17-141972	GELC
MCOI-5	689.04	05/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2017-1505	CAMO-17-132199	GELC
MCOI-5	689.04	02/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2017-993	CAMO-17-129289	GELC
MCOI-5	689.04	11/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2017-396	CAMO-17-127242	GELC
MCOI-5	689.04	11/08/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2017-396	CAMO-17-127214	GELC
MCOI-6	686.0	11/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.48	—	—	0.01	SU	Y	H	NQ	2018-854	CAMO-18-148055	GELC
MCOI-6	686.0	08/07/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.39	—	—	0.01	SU	Y	H	NQ	2017-2376	CAMO-17-142777	GELC
MCOI-6	686.0	05/11/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.5	—	—	0.01	SU	Y	H	NQ	2017-1529	CAMO-17-132200	GELC
MCOI-6	686.0	05/11/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.47	—	—	0.01	SU	Y	H	NQ	2017-1529	CAMO-17-132308	GELC
MCOI-6	686.0	02/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.52	—	—	0.01	SU	Y	H	NQ	2017-993	CAMO-17-129290	GELC
MCOI-6	686.0	11/08/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.54	—	—	0.01	SU	Y	H	NQ	2017-396	CAMO-17-127243	GELC
MCOI-6	686.0	07/25/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.67	—	—	0.01	SU	Y	H	NQ	2016-1786	CAMO-16-124285	GELC
MCOI-6	686.0	05/05/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.67	—	—	0.01	SU	Y	H	NQ	2016-1157	CAMO-16-115236	GELC
MCOI-6	686.0	05/05/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.65	—	—	0.01	SU	Y	H	NQ	2016-1157	CAMO-16-115270	GELC
MCOI-6	686.0	02/08/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.68	—	—	0.01	SU	Y	H	NQ	2016-702	CAMO-16-110034	GELC
MCOI-6	686.0	11/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	91.7	—	—	1.45	mg/L	Y	H	NQ	2018-854	CAMO-18-148055	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
MCOI-6	686.0	08/07/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	91.8	—	—	1.45	mg/L	Y	—	NQ	2017-2376	CAMO-17-142777	GELC
MCOI-6	686.0	05/11/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	22.8	—	—	1.45	mg/L	Y	—	NQ	2017-1529	CAMO-17-132200	GELC
MCOI-6	686.0	05/11/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	20.4	—	—	1.45	mg/L	Y	—	NQ	2017-1529	CAMO-17-132308	GELC
MCOI-6	686.0	02/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	96	—	—	1.45	mg/L	Y	—	NQ	2017-993	CAMO-17-129290	GELC
MCOI-6	686.0	11/08/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	93.7	—	—	1.45	mg/L	Y	—	NQ	2017-396	CAMO-17-127243	GELC
MCOI-6	686.0	07/25/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	90.9	—	—	0.33	mg/L	Y	—	NQ	2016-1786	CAMO-16-124285	GELC
MCOI-6	686.0	05/05/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	89.3	—	—	0.725	mg/L	Y	—	NQ	2016-1157	CAMO-16-115236	GELC
MCOI-6	686.0	05/05/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	89.8	—	—	0.725	mg/L	Y	—	NQ	2016-1157	CAMO-16-115270	GELC
MCOI-6	686.0	02/08/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	92.5	—	—	0.725	mg/L	Y	—	NQ	2016-702	CAMO-16-110034	GELC
MCOI-6	686.0	11/09/17	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00756	0.00667	0.0448	—	pCi/L	Y	U	U	2018-854	CAMO-18-148071	GELC
MCOI-6	686.0	11/08/16	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00713	0.0123	0.0592	—	pCi/L	Y	U	U	2017-396	CAMO-17-127223	GELC
MCOI-6	686.0	11/06/15	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00702	0.00776	0.0316	—	pCi/L	Y	U	U	2016-286	CAMO-16-106095	GELC
MCOI-6	686.0	11/07/14	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.0077	0.0656	—	pCi/L	Y	U	U	2015-262	CAMO-15-90208	GELC
MCOI-6	686.0	11/07/14	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00783	0.00959	0.0817	—	pCi/L	Y	U	U	2015-262	CAMO-15-90188	GELC
MCOI-6	686.0	11/07/13	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00948	0.015	0.0558	—	pCi/L	Y	U	U	2014-2426	CAMO-14-45744	GELC
MCOI-6	686.0	11/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0303	—	—	0.017	mg/L	Y	J	J	2018-854	CAMO-18-148055	GELC
MCOI-6	686.0	08/07/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.109	—	—	0.017	mg/L	Y	—	NQ	2017-2376	CAMO-17-142777	GELC
MCOI-6	686.0	02/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0516	—	—	0.017	mg/L	Y	—	NQ	2017-993	CAMO-17-129290	GELC
MCOI-6	686.0	11/08/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0197	—	—	0.017	mg/L	Y	J	U	2017-396	CAMO-17-127243	GELC
MCOI-6	686.0	07/25/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0821	—	—	0.017	mg/L	Y	—	NQ	2016-1786	CAMO-16-124285	GELC
MCOI-6	686.0	05/05/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.11	—	—	0.017	mg/L	Y	—	U	2016-1157	CAMO-16-115236	GELC
MCOI-6	686.0	05/05/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0668	—	—	0.017	mg/L	Y	—	U	2016-1157	CAMO-16-115270	GELC
MCOI-6	686.0	02/08/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0369	—	—	0.017	mg/L	Y	J	U	2016-702	CAMO-16-110034	GELC
MCOI-6	686.0	11/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	40.9	—	—	1	µg/L	Y	—	NQ	2018-854	CAMO-18-148055	GELC
MCOI-6	686.0	08/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	36.4	—	—	1	µg/L	Y	—	NQ	2017-2376	CAMO-17-142777	GELC
MCOI-6	686.0	05/11/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	37.4	—	—	1	µg/L	Y	—	NQ	2017-1529	CAMO-17-132200	GELC
MCOI-6	686.0	05/11/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	37.6	—	—	1	µg/L	Y	—	NQ	2017-1529	CAMO-17-132308	GELC
MCOI-6	686.0	02/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	41.4	—	—	1	µg/L	Y	—	NQ	2017-993	CAMO-17-129290	GELC
MCOI-6	686.0	11/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	41.7	—	—	1	µg/L	Y	—	NQ	2017-396	CAMO-17-127243	GELC
MCOI-6	686.0	07/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	39.3	—	—	1	µg/L	Y	—	NQ	2016-1786	CAMO-16-124285	GELC
MCOI-6	686.0	05/05/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	39.6	—	—	1	µg/L	Y	—	NQ	2016-1157	CAMO-16-115236	GELC
MCOI-6	686.0	05/05/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	39.3	—	—	1	µg/L	Y	—	NQ	2016-1157	CAMO-16-115270	GELC
MCOI-6	686.0	02/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	40.3	—	—	1	µg/L	Y	—	NQ	2016-702	CAMO-16-110034	GELC
MCOI-6	686.0	11/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	52.3	—	—	15	µg/L	Y	—	NQ	2018-854	CAMO-18-148055	GELC
MCOI-6	686.0	08/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	47	—	—	15	µg/L	Y	J	J	2017-2376	CAMO-17-142777	GELC
MCOI-6	686.0	05/11/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	51	—	—	15	µg/L	Y	—	NQ	2017-1529	CAMO-17-132200	GELC
MCOI-6	686.0	05/11/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	Y	52.7	—	—	15	µg/L	Y	—	NQ	2017-1529	CAMO-17-132308	GELC
MCOI-6	686.0	02/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	54.1	—	—	15	µg/L	Y	—	NQ	2017-993	CAMO-17-129290	GELC
MCOI-6	686.0	11/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	53.9	—	—	15	µg/L	Y	—	NQ	2017-396	CAMO-17-127243	GELC
MCOI-6	686.0	07/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	54.2	—	—	15	µg/L	Y	—	NQ	2016-1786	CAMO-16-124285	GELC
MCOI-6	686.0	05/05/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	Y	55.6	—	—	15	µg/L	Y	—	NQ	2016-1157	CAMO-16-115236	GELC
MCOI-6	686.0	05/05/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	54	—	—	15	µg/L	Y	—	NQ	2016-1157	CAMO-16-115270	GELC
MCOI-6	686.0	02/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	52.5	—	—	15	µg/L	Y	—	NQ	2016-702	CAMO-16-110034	GELC
MCOI-6	686.0	11/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.516	—	—	0.067	mg/L	Y	—	NQ	2018-854	CAMO-18-148055	GELC
MCOI-6	686.0	08/07/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.528	—	—	0.067	mg/L	Y	—	NQ	2017-2376	CAMO-17-142777	GELC
MCOI-6	686.0	05/11/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.57	—	—	0.067	mg/L	Y	—	NQ	2017-1529	CAMO-17-132200	GELC
MCOI-6	686.0	05/11/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.584	—	—	0.067	mg/L	Y	—	NQ	2017-1529	CAMO-17-132308	GELC
MCOI-6	686.0	02/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.533	—	—	0.067	mg/L	Y	—	NQ	2017-993	CAMO-17-129290	GELC
MCOI-6	686.0	11/08/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.525	—	—	0.067	mg/L	Y	—	NQ	2017-396	CAMO-17-127243	GELC
MCOI-6	686.0	07/25/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.546	—	—	0.067	mg/L	Y	—	NQ	2016-1786	CAMO-16-124285	GELC
MCOI-6	686.0	05/05/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.54	—	—	0.067	mg/L	Y	—	NQ	2016-1157	CAMO-16-115236	GELC
MCOI-6	686.0	05/05/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.542	—	—	0.067	mg/L	Y	—	NQ	2016-1157	CAMO-16-115270	GELC
MCOI-6	686.0	02/08/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.549	—	—	0.067	mg/L	Y	—	NQ	2016-702	CAMO-16-110034	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
MCOI-6	686.0	11/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	64.4	—	—	0.05	mg/L	Y	—	NQ	2018-854	CAMO-18-148055	GELC
MCOI-6	686.0	08/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	61	—	—	0.05	mg/L	Y	—	J+	2017-2376	CAMO-17-142777	GELC
MCOI-6	686.0	05/11/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	60.3	—	—	0.05	mg/L	Y	—	NQ	2017-1529	CAMO-17-132200	GELC
MCOI-6	686.0	05/11/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	61.3	—	—	0.05	mg/L	Y	—	NQ	2017-1529	CAMO-17-132308	GELC
MCOI-6	686.0	02/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	66.6	—	—	0.05	mg/L	Y	—	NQ	2017-993	CAMO-17-129290	GELC
MCOI-6	686.0	11/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	66.2	—	—	0.05	mg/L	Y	—	NQ	2017-396	CAMO-17-127243	GELC
MCOI-6	686.0	07/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	60.9	—	—	0.05	mg/L	Y	—	NQ	2016-1786	CAMO-16-124285	GELC
MCOI-6	686.0	05/05/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	62.9	—	—	0.05	mg/L	Y	—	NQ	2016-1157	CAMO-16-115236	GELC
MCOI-6	686.0	05/05/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	62.5	—	—	0.05	mg/L	Y	—	NQ	2016-1157	CAMO-16-115270	GELC
MCOI-6	686.0	02/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	62.5	—	—	0.05	mg/L	Y	—	J+	2016-702	CAMO-16-110034	GELC
MCOI-6	686.0	11/09/17	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.06	0.856	2.84	—	pCi/L	Y	U	U	2018-854	CAMO-18-148071	GELC
MCOI-6	686.0	11/08/16	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.99	1.45	5.81	—	pCi/L	Y	U	U	2017-396	CAMO-17-127223	GELC
MCOI-6	686.0	11/06/15	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.07	1.92	6.38	—	pCi/L	Y	U	U	2016-286	CAMO-16-106095	GELC
MCOI-6	686.0	11/07/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.61	1.3	5.91	—	pCi/L	Y	U	U	2015-262	CAMO-15-90208	GELC
MCOI-6	686.0	11/07/14	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.0969	1.44	5.38	—	pCi/L	Y	U	U	2015-262	CAMO-15-90188	GELC
MCOI-6	686.0	11/07/13	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.85	1	3.13	—	pCi/L	Y	U	U	2014-2426	CAMO-14-45744	GELC
MCOI-6	686.0	11/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	53.5	—	—	0.67	mg/L	Y	—	NQ	2018-854	CAMO-18-148055	GELC
MCOI-6	686.0	08/07/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	53.4	—	—	0.67	mg/L	Y	—	NQ	2017-2376	CAMO-17-142777	GELC
MCOI-6	686.0	05/11/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	60.1	—	—	0.67	mg/L	Y	—	NQ	2017-1529	CAMO-17-132200	GELC
MCOI-6	686.0	05/11/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	59.4	—	—	0.67	mg/L	Y	—	NQ	2017-1529	CAMO-17-132308	GELC
MCOI-6	686.0	02/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	56	—	—	0.67	mg/L	Y	—	NQ	2017-993	CAMO-17-129290	GELC
MCOI-6	686.0	11/08/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	56.7	—	—	0.67	mg/L	Y	—	NQ	2017-396	CAMO-17-127243	GELC
MCOI-6	686.0	07/25/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	55.7	—	—	0.67	mg/L	Y	—	NQ	2016-1786	CAMO-16-124285	GELC
MCOI-6	686.0	05/05/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	56.6	—	—	0.67	mg/L	Y	—	NQ	2016-1157	CAMO-16-115236	GELC
MCOI-6	686.0	05/05/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	55.8	—	—	0.67	mg/L	Y	—	NQ	2016-1157	CAMO-16-115270	GELC
MCOI-6	686.0	02/08/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	55.5	—	—	0.67	mg/L	Y	—	NQ	2016-702	CAMO-16-110034	GELC
MCOI-6	686.0	11/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	69.4	—	—	3	µg/L	Y	—	NQ	2018-854	CAMO-18-148055	GELC
MCOI-6	686.0	08/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	66.8	—	—	3	µg/L	Y	—	NQ	2017-2376	CAMO-17-142777	GELC
MCOI-6	686.0	05/11/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	75.1	—	—	3	µg/L	Y	—	NQ	2017-1529	CAMO-17-132200	GELC
MCOI-6	686.0	05/11/17	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	71	—	—	3	µg/L	Y	—	NQ	2017-1529	CAMO-17-132308	GELC
MCOI-6	686.0	02/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	76.3	—	—	3	µg/L	Y	—	NQ	2017-993	CAMO-17-129290	GELC
MCOI-6	686.0	11/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	86.6	—	—	3	µg/L	Y	—	NQ	2017-396	CAMO-17-127243	GELC
MCOI-6	686.0	07/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	77.8	—	—	2	µg/L	Y	—	NQ	2016-1786	CAMO-16-124285	GELC
MCOI-6	686.0	05/05/16	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	73.5	—	—	2	µg/L	Y	—	NQ	2016-1157	CAMO-16-115236	GELC
MCOI-6	686.0	05/05/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	76.5	—	—	2	µg/L	Y	—	NQ	2016-1157	CAMO-16-115270	GELC
MCOI-6	686.0	02/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	78.8	—	—	2	µg/L	Y	—	J	2016-702	CAMO-16-110034	GELC
MCOI-6	686.0	08/07/17	WG	F	REP	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.21	—	—	—	%	Y	—	NQ	2017-2464	CAMO-17-142777	UIL
MCOI-6	686.0	08/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.16	—	—	—	%	N	—	NQ	2017-2464	CAMO-17-142777	UIL
MCOI-6	686.0	05/11/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.24	—	—	—	%	Y	—	NQ	2017-2466	CAMO-17-132200	UIL
MCOI-6	686.0	05/11/17	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.25	—	—	—	%	Y	—	NQ	2017-2466	CAMO-17-132308	UIL
MCOI-6	686.0	02/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.25	—	—	—	%	Y	—	NQ	2017-1392	CAMO-17-129290	UIL
MCOI-6	686.0	11/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.14	—	—	—	%	Y	—	NQ	2017-650	CAMO-17-127243	UIL
MCOI-6	686.0	07/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.18	—	—	—	%	Y	—	NQ	2017-29	CAMO-16-124285	UIL
MCOI-6	686.0	05/05/16	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.26	—	—	—	%	Y	—	NQ	2016-1262	CAMO-16-115236	UIL
MCOI-6	686.0	05/05/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.17	—	—	—	%	Y	—	NQ	2016-1262	CAMO-16-115270	UIL
MCOI-6	686.0	02/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.31	—	—	—	%	Y	—	NQ	2016-1025	CAMO-16-110034	UIL
MCOI-6	686.0	11/09/17	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.952	1.1	3.88	—	pCi/L	Y	U	U	2018-854	CAMO-18-148071	GELC
MCOI-6	686.0	11/08/16	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.361	1.49	5.87	—	pCi/L	Y	U	U	2017-396	CAMO-17-127223	GELC
MCOI-6	686.0	11/06/15	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.85	1.51	6.38	—	pCi/L	Y	U	U	2016-286	CAMO-16-106095	GELC
MCOI-6	686.0	11/07/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.447	1.24	4.86	—	pCi/L	Y	U	U	2015-262	CAMO-15-90208	GELC
MCOI-6	686.0	11/07/14	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.334	1.36	5.36	—	pCi/L	Y	U	U	2015-262	CAMO-15-90188	GELC
MCOI-6	686.0	11/07/13	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.384	1.1	3.9	—	pCi/L	Y	U	U	2014-2426	CAMO-14-45744	GELC
MCOI-6	686.0	11/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	Y	5.65	—	—	3	µg/L	Y	J	J	2018-854	CAMO-18-148055	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
MCOI-6	686.0	08/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	Y	7.29	—	—	3	µg/L	Y	J	J	2017-2376	CAMO-17-142777	GELC
MCOI-6	686.0	05/11/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	Y	4.5	—	—	3	µg/L	Y	J	J	2017-1529	CAMO-17-132200	GELC
MCOI-6	686.0	05/11/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Copper	Cu	Y	4.63	—	—	3	µg/L	Y	J	J	2017-1529	CAMO-17-132308	GELC
MCOI-6	686.0	02/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	Y	5.76	—	—	3	µg/L	Y	J	J	2017-993	CAMO-17-129290	GELC
MCOI-6	686.0	11/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	Y	5.15	—	—	3	µg/L	Y	J	J	2017-396	CAMO-17-127243	GELC
MCOI-6	686.0	07/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	Y	5.47	—	—	3	µg/L	Y	J	J	2016-1786	CAMO-16-124285	GELC
MCOI-6	686.0	05/05/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Copper	Cu	Y	4.95	—	—	3	µg/L	Y	J	J	2016-1157	CAMO-16-115236	GELC
MCOI-6	686.0	05/05/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	Y	5.25	—	—	3	µg/L	Y	J	J	2016-1157	CAMO-16-115270	GELC
MCOI-6	686.0	02/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	Y	5.79	—	—	3	µg/L	Y	J	J	2016-702	CAMO-16-110034	GELC
MCOI-6	686.0	11/09/17	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00254	—	—	0.00167	mg/L	Y	J	J	2018-854	CAMO-18-148071	GELC
MCOI-6	686.0	08/07/17	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00297	—	—	0.00167	mg/L	Y	J	J	2017-2376	CAMO-17-141989	GELC
MCOI-6	686.0	05/11/17	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00303	—	—	0.00167	mg/L	Y	J	J+	2017-1529	CAMO-17-132220	GELC
MCOI-6	686.0	05/11/17	WG	UF	INIT	FD	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00317	—	—	0.00167	mg/L	Y	J	J	2017-1529	CAMO-17-132307	GELC
MCOI-6	686.0	02/08/17	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00184	—	—	0.00167	mg/L	Y	J	J	2017-993	CAMO-17-129306	GELC
MCOI-6	686.0	11/08/16	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00173	—	—	0.00167	mg/L	Y	J	J	2017-396	CAMO-17-127223	GELC
MCOI-6	686.0	07/25/16	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00513	—	—	0.00167	mg/L	Y	—	NQ	2016-1786	CAMO-16-124261	GELC
MCOI-6	686.0	05/05/16	WG	UF	INIT	FD	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00223	—	—	0.00167	mg/L	Y	J	J	2016-1157	CAMO-16-115233	GELC
MCOI-6	686.0	05/05/16	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00205	—	—	0.00167	mg/L	Y	J	J	2016-1157	CAMO-16-115247	GELC
MCOI-6	686.0	02/08/16	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.005	—	—	0.00167	mg/L	Y	U	U	2016-702	CAMO-16-110016	GELC
MCOI-6	686.0	11/09/17	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	Y	10.2	—	—	3	µg/L	Y	—	NQ	2018-854	CAMO-18-148071	GELC
MCOI-6	686.0	05/11/17	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	Y	10.8	—	—	3.06	µg/L	Y	—	NQ	2017-1529	CAMO-17-132220	GELC
MCOI-6	686.0	05/11/17	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	Y	10.2	—	—	3.09	µg/L	Y	J	J	2017-1529	CAMO-17-132307	GELC
MCOI-6	686.0	11/08/16	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	Y	9.61	—	—	3.33	µg/L	Y	J	J	2017-396	CAMO-17-127223	GELC
MCOI-6	686.0	05/05/16	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	Y	10.4	—	—	3.09	µg/L	Y	—	NQ	2016-1157	CAMO-16-115233	GELC
MCOI-6	686.0	05/05/16	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	Y	9.97	—	—	3	µg/L	Y	J	J	2016-1157	CAMO-16-115247	GELC
MCOI-6	686.0	11/06/15	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	Y	8.14	—	—	1.56	µg/L	Y	—	NQ	2016-286	CAMO-16-106095	GELC
MCOI-6	686.0	05/05/15	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	Y	7.39	—	—	3.16	µg/L	Y	J	J	2015-1158	CAMO-15-95758	GELC
MCOI-6	686.0	05/05/15	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	Y	7.49	—	—	3.3	µg/L	Y	J	J	2015-1158	CAMO-15-95773	GELC
MCOI-6	686.0	11/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.473	—	—	0.033	mg/L	Y	—	NQ	2018-854	CAMO-18-148055	GELC
MCOI-6	686.0	08/07/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.469	—	—	0.033	mg/L	Y	—	NQ	2017-2376	CAMO-17-142777	GELC
MCOI-6	686.0	05/11/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.569	—	—	0.033	mg/L	Y	—	NQ	2017-1529	CAMO-17-132200	GELC
MCOI-6	686.0	05/11/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.566	—	—	0.033	mg/L	Y	—	NQ	2017-1529	CAMO-17-132308	GELC
MCOI-6	686.0	02/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.427	—	—	0.033	mg/L	Y	—	NQ	2017-993	CAMO-17-129290	GELC
MCOI-6	686.0	11/08/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.444	—	—	0.033	mg/L	Y	—	NQ	2017-396	CAMO-17-127243	GELC
MCOI-6	686.0	07/25/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.475	—	—	0.033	mg/L	Y	—	NQ	2016-1786	CAMO-16-124285	GELC
MCOI-6	686.0	05/05/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.472	—	—	0.033	mg/L	Y	—	NQ	2016-1157	CAMO-16-115236	GELC
MCOI-6	686.0	05/05/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.466	—	—	0.033	mg/L	Y	—	NQ	2016-1157	CAMO-16-115270	GELC
MCOI-6	686.0	02/08/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.486	—	—	0.033	mg/L	Y	—	NQ	2016-702	CAMO-16-110034	GELC
MCOI-6	686.0	11/09/17	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.113	0.745	2.91	—	pCi/L	Y	U	U	2018-854	CAMO-18-148071	GELC
MCOI-6	686.0	11/08/16	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.03	0.657	2.18	—	pCi/L	Y	U	U	2017-396	CAMO-17-127223	GELC
MCOI-6	686.0	11/06/15	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.37	0.774	2.45	—	pCi/L	Y	U	U	2016-286	CAMO-16-106095	GELC
MCOI-6	686.0	11/07/14	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.572	0.452	1.49	—	pCi/L	Y	U	U	2015-262	CAMO-15-90208	GELC
MCOI-6	686.0	11/07/14	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	0.528	0.391	1.29	—	pCi/L	Y	U	U	2015-262	CAMO-15-90188	GELC
MCOI-6	686.0	11/07/13	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.2	0.979	2.95	—	pCi/L	Y	U	U	2014-2426	CAMO-14-45744	GELC
MCOI-6	686.0	11/09/17	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3	0.961	2.88	—	pCi/L	Y	—	NQ	2018-854	CAMO-18-148071	GELC
MCOI-6	686.0	11/08/16	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.942	0.666	2.22	—	pCi/L	Y	U	U	2017-396	CAMO-17-127223	GELC
MCOI-6	686.0	11/06/15	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.162	0.415	1.39	—	pCi/L	Y	U	U	2016-286	CAMO-16-106095	GELC
MCOI-6	686.0	11/07/14	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.41	0.617	1.98	—	pCi/L	Y	—	NQ	2015-262	CAMO-15-90208	GELC
MCOI-6	686.0	11/07/14	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	5.4	0.607	1.81	—	pCi/L	Y	—	NQ	2015-262	CAMO-15-90188	GELC
MCOI-6	686.0	11/07/13	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	1.77	0.459	1.45	—	pCi/L	Y	—	J	2014-2426	CAMO-14-45744	GELC
MCOI-6	686.0	11/09/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	215	—	—	0.453	mg/L	Y	—	NQ	2018-854	CAMO-18-148055	GELC
MCOI-6	686.0	08/07/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	201	—	—	0.453	mg/L	Y	—	NQ	2017-2376	CAMO-17-142777	GELC
MCOI-6	686.0	05/11/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	198	—	—	0.453	mg/L	Y	—	NQ	2017-1529	CAMO-17-132200	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
MCOI-6	686.0	05/11/17	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	201	—	—	0.453	mg/L	Y	—	NQ	2017-1529	CAMO-17-132308	GELC
MCOI-6	686.0	02/08/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	220	—	—	0.453	mg/L	Y	—	NQ	2017-993	CAMO-17-129290	GELC
MCOI-6	686.0	11/08/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	220	—	—	0.453	mg/L	Y	—	NQ	2017-396	CAMO-17-127243	GELC
MCOI-6	686.0	07/25/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	204	—	—	0.453	mg/L	Y	—	NQ	2016-1786	CAMO-16-124285	GELC
MCOI-6	686.0	05/05/16	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	210	—	—	0.453	mg/L	Y	—	NQ	2016-1157	CAMO-16-115236	GELC
MCOI-6	686.0	05/05/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	209	—	—	0.453	mg/L	Y	—	NQ	2016-1157	CAMO-16-115270	GELC
MCOI-6	686.0	02/08/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	209	—	—	0.453	mg/L	Y	—	NQ	2016-702	CAMO-16-110034	GELC
MCOI-6	686.0	11/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	13.2	—	—	0.11	mg/L	Y	—	NQ	2018-854	CAMO-18-148055	GELC
MCOI-6	686.0	08/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	11.9	—	—	0.11	mg/L	Y	—	NQ	2017-2376	CAMO-17-142777	GELC
MCOI-6	686.0	05/11/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	11.6	—	—	0.11	mg/L	Y	—	NQ	2017-1529	CAMO-17-132200	GELC
MCOI-6	686.0	05/11/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	11.6	—	—	0.11	mg/L	Y	—	NQ	2017-1529	CAMO-17-132308	GELC
MCOI-6	686.0	02/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	13.1	—	—	0.11	mg/L	Y	—	NQ	2017-993	CAMO-17-129290	GELC
MCOI-6	686.0	11/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	13.2	—	—	0.11	mg/L	Y	—	NQ	2017-396	CAMO-17-127243	GELC
MCOI-6	686.0	07/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	12.5	—	—	0.11	mg/L	Y	—	NQ	2016-1786	CAMO-16-124285	GELC
MCOI-6	686.0	05/05/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	12.9	—	—	0.11	mg/L	Y	—	NQ	2016-1157	CAMO-16-115236	GELC
MCOI-6	686.0	05/05/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	12.8	—	—	0.11	mg/L	Y	—	NQ	2016-1157	CAMO-16-115270	GELC
MCOI-6	686.0	02/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	12.9	—	—	0.11	mg/L	Y	—	NQ	2016-702	CAMO-16-110034	GELC
MCOI-6	686.0	11/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	3.39	—	—	2	µg/L	Y	J	J	2018-854	CAMO-18-148055	GELC
MCOI-6	686.0	08/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2	—	—	2	µg/L	Y	U	U	2017-2376	CAMO-17-142777	GELC
MCOI-6	686.0	05/11/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	2017-1529	CAMO-17-132200	GELC
MCOI-6	686.0	05/11/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	2017-1529	CAMO-17-132308	GELC
MCOI-6	686.0	02/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	2017-993	CAMO-17-129290	GELC
MCOI-6	686.0	11/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	2.27	—	—	2	µg/L	Y	J	J	2017-396	CAMO-17-127243	GELC
MCOI-6	686.0	11/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.97	—	—	0.2	µg/L	Y	—	NQ	2018-854	CAMO-18-148055	GELC
MCOI-6	686.0	08/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.82	—	—	0.2	µg/L	Y	—	NQ	2017-2376	CAMO-17-142777	GELC
MCOI-6	686.0	05/11/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.98	—	—	0.2	µg/L	Y	—	NQ	2017-1529	CAMO-17-132200	GELC
MCOI-6	686.0	05/11/17	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.95	—	—	0.2	µg/L	Y	—	NQ	2017-1529	CAMO-17-132308	GELC
MCOI-6	686.0	02/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.97	—	—	0.3	µg/L	Y	—	NQ	2017-993	CAMO-17-129290	GELC
MCOI-6	686.0	11/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.3	—	—	0.3	µg/L	Y	—	NQ	2017-396	CAMO-17-127243	GELC
MCOI-6	686.0	07/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.95	—	—	0.165	µg/L	Y	—	J	2016-1786	CAMO-16-124285	GELC
MCOI-6	686.0	05/05/16	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.04	—	—	0.165	µg/L	Y	—	NQ	2016-1157	CAMO-16-115236	GELC
MCOI-6	686.0	05/05/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.02	—	—	0.165	µg/L	Y	—	NQ	2016-1157	CAMO-16-115270	GELC
MCOI-6	686.0	02/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.14	—	—	0.165	µg/L	Y	—	J	2016-702	CAMO-16-110034	GELC
MCOI-6	686.0	11/09/17	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.374	1.62	5.33	—	pCi/L	Y	U	U	2018-854	CAMO-18-148071	GELC
MCOI-6	686.0	11/08/16	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-4.54	2.42	7.93	—	pCi/L	Y	U	U	2017-396	CAMO-17-127223	GELC
MCOI-6	686.0	11/06/15	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.09	3.07	10.8	—	pCi/L	Y	U	U	2016-286	CAMO-16-106095	GELC
MCOI-6	686.0	11/07/14	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.265	2.4	8.71	—	pCi/L	Y	U	U	2015-262	CAMO-15-90208	GELC
MCOI-6	686.0	11/07/14	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.5	3.29	11.7	—	pCi/L	Y	U	U	2015-262	CAMO-15-90188	GELC
MCOI-6	686.0	11/07/13	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.39	2.19	7.84	—	pCi/L	Y	U	U	2014-2426	CAMO-14-45744	GELC
MCOI-6	686.0	11/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	27.9	—	—	0.6	µg/L	Y	—	NQ	2018-854	CAMO-18-148055	GELC
MCOI-6	686.0	08/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	20.4	—	—	0.6	µg/L	Y	—	NQ	2017-2376	CAMO-17-142777	GELC
MCOI-6	686.0	05/11/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	21.5	—	—	0.6	µg/L	Y	—	NQ	2017-1529	CAMO-17-132200	GELC
MCOI-6	686.0	05/11/17	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	21.4	—	—	0.6	µg/L	Y	—	NQ	2017-1529	CAMO-17-132308	GELC
MCOI-6	686.0	02/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	21.9	—	—	0.5	µg/L	Y	—	NQ	2017-993	CAMO-17-129290	GELC
MCOI-6	686.0	11/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	27.8	—	—	0.5	µg/L	Y	—	NQ	2017-396	CAMO-17-127243	GELC
MCOI-6	686.0	07/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	25.7	—	—	0.5	µg/L	Y	—	NQ	2016-1786	CAMO-16-124285	GELC
MCOI-6	686.0	05/05/16	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	28.2	—	—	0.5	µg/L	Y	—	NQ	2016-1157	CAMO-16-115236	GELC
MCOI-6	686.0	05/05/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	29.5	—	—	0.5	µg/L	Y	—	NQ	2016-1157	CAMO-16-115270	GELC
MCOI-6	686.0	02/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	30.8	—	—	0.5	µg/L	Y	—	NQ	2016-702	CAMO-16-110034	GELC
MCOI-6	686.0	11/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	11.5	—	—	0.85	mg/L	Y	—	NQ	2018-854	CAMO-18-148055	GELC
MCOI-6	686.0	08/07/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	9.71	—	—	0.17	mg/L	Y	—	NQ	2017-2376	CAMO-17-142777	GELC
MCOI-6	686.0	05/11/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	9.53	—	—	0.425	mg/L	Y	—	NQ	2017-1529	CAMO-17-132200	GELC
MCOI-6	686.0	05/11/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	9.58	—	—	0.425	mg/L	Y	—	NQ	2017-1529	CAMO-17-132308	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
MCOI-6	686.0	02/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	9.19	—	—	0.17	mg/L	Y	—	NQ	2017-993	CAMO-17-129290	GELC
MCOI-6	686.0	11/08/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	9.34	—	—	0.17	mg/L	Y	—	NQ	2017-396	CAMO-17-127243	GELC
MCOI-6	686.0	07/25/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	9.73	—	—	0.17	mg/L	Y	—	NQ	2016-1786	CAMO-16-124285	GELC
MCOI-6	686.0	05/05/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	8.75	—	—	1.7	mg/L	Y	—	NQ	2016-1157	CAMO-16-115236	GELC
MCOI-6	686.0	05/05/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	8.79	—	—	1.7	mg/L	Y	—	NQ	2016-1157	CAMO-16-115270	GELC
MCOI-6	686.0	02/08/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	8.48	—	—	0.17	mg/L	Y	—	NQ	2016-702	CAMO-16-110034	GELC
MCOI-6	686.0	11/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	Generic:Nitrogen Isotope Ratio	Nitrogen-15/Nitrogen-14 Ratio	N15N14	Y	-25.721	—	—	—	permil	Y	—	NQ	2018-841	CAMO-18-148055	EES6
MCOI-6	686.0	11/08/16	WG	F	INIT	REG	GENERAL CHEMISTRY	Generic:Nitrogen Isotope Ratio	Nitrogen-15/Nitrogen-14 Ratio	N15N14	Y	-22.569	—	—	—	permil	Y	—	NQ	2017-388	CAMO-17-127243	EES6
MCOI-6	686.0	11/06/15	WG	F	INIT	REG	GENERAL CHEMISTRY	Generic:Nitrogen Isotope Ratio	Nitrogen-15/Nitrogen-14 Ratio	N15N14	Y	-19.706	—	—	—	permil	N	—	NQ	2016-291	CAMO-16-106116	EES6
MCOI-6	686.0	11/06/15	WG	F	INIT	REG	GENERAL CHEMISTRY	Generic:Nitrogen Isotope Ratio	Nitrogen-15/Nitrogen-14 Ratio	N15N14	Y	-19.155	—	—	—	permil	Y	—	NQ	2016-291	CAMO-16-106116	EES6
MCOI-6	686.0	11/07/14	WG	F	INIT	FD	GENERAL CHEMISTRY	Generic:Nitrogen Isotope Ratio	Nitrogen-15/Nitrogen-14 Ratio	N15N14	Y	-19.77	—	—	—	permil	Y	—	NQ	2015-258	CAMO-15-90189	EES6
MCOI-6	686.0	11/07/14	WG	F	INIT	REG	GENERAL CHEMISTRY	Generic:Nitrogen Isotope Ratio	Nitrogen-15/Nitrogen-14 Ratio	N15N14	Y	-19.2407	—	—	—	permil	Y	—	NQ	2015-258	CAMO-15-90225	EES6
MCOI-6	686.0	11/07/13	WG	F	INIT	REG	GENERAL CHEMISTRY	Generic:Nitrogen Isotope Ratio	Nitrogen-15/Nitrogen-14 Ratio	N15N14	Y	-19.94	—	—	—	permil	Y	—	NQ	2014-2427	CAMO-14-45760	EES6
MCOI-6	686.0	11/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	Generic:Oxygen Isotope Ratio	Oxygen-18/Oxygen-16 Ratio from Nitrate	O18O16-NO3	Y	7.5195	—	—	—	permil	Y	—	NQ	2018-841	CAMO-18-148055	EES6
MCOI-6	686.0	11/08/16	WG	F	INIT	REG	GENERAL CHEMISTRY	Generic:Oxygen Isotope Ratio	Oxygen-18/Oxygen-16 Ratio from Nitrate	O18O16-NO3	Y	7.8547	—	—	—	permil	Y	—	NQ	2017-388	CAMO-17-127243	EES6
MCOI-6	686.0	11/06/15	WG	F	INIT	REG	GENERAL CHEMISTRY	Generic:Oxygen Isotope Ratio	Oxygen-18/Oxygen-16 Ratio from Nitrate	O18O16-NO3	Y	7.4807	—	—	—	permil	N	—	NQ	2016-291	CAMO-16-106116	EES6
MCOI-6	686.0	11/06/15	WG	F	INIT	REG	GENERAL CHEMISTRY	Generic:Oxygen Isotope Ratio	Oxygen-18/Oxygen-16 Ratio from Nitrate	O18O16-NO3	Y	8.3379	—	—	—	permil	Y	—	NQ	2016-291	CAMO-16-106116	EES6
MCOI-6	686.0	11/07/14	WG	F	INIT	FD	GENERAL CHEMISTRY	Generic:Oxygen Isotope Ratio	Oxygen-18/Oxygen-16 Ratio from Nitrate	O18O16-NO3	Y	7.37081	—	—	—	permil	Y	—	NQ	2015-258	CAMO-15-90189	EES6
MCOI-6	686.0	11/07/14	WG	F	INIT	REG	GENERAL CHEMISTRY	Generic:Oxygen Isotope Ratio	Oxygen-18/Oxygen-16 Ratio from Nitrate	O18O16-NO3	Y	8.06076	—	—	—	permil	Y	—	NQ	2015-258	CAMO-15-90225	EES6
MCOI-6	686.0	11/07/13	WG	F	INIT	REG	GENERAL CHEMISTRY	Generic:Oxygen Isotope Ratio	Oxygen-18/Oxygen-16 Ratio from Nitrate	O18O16-NO3	Y	7.17	—	—	—	permil	Y	—	NQ	2014-2427	CAMO-14-45760	EES6
MCOI-6	686.0	11/09/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	87.5	—	—	5	µg/L	Y	—	J	2018-854	CAMO-18-148055	GELC
MCOI-6	686.0	08/07/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	82.9	—	—	5	µg/L	Y	—	NQ	2017-2376	CAMO-17-142777	GELC
MCOI-6	686.0	05/11/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	82.9	—	—	5	µg/L	Y	—	NQ	2017-1529	CAMO-17-132200	GELC
MCOI-6	686.0	05/11/17	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	72.7	—	—	5	µg/L	Y	—	NQ	2017-1529	CAMO-17-132308	GELC
MCOI-6	686.0	02/08/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	79.1	—	—	5	µg/L	Y	—	NQ	2017-993	CAMO-17-129290	GELC
MCOI-6	686.0	11/08/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	74.7	—	—	5	µg/L	Y	—	NQ	2017-396	CAMO-17-127243	GELC
MCOI-6	686.0	07/25/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	69.8	—	—	5	µg/L	Y	—	NQ	2016-1786	CAMO-16-124285	GELC
MCOI-6	686.0	05/05/16	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	66.9	—	—	5	µg/L	Y	—	NQ	2016-1157	CAMO-16-115236	GELC
MCOI-6	686.0	05/05/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	68.7	—	—	5	µg/L	Y	—	NQ	2016-1157	CAMO-16-115270	GELC
MCOI-6	686.0	02/08/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	69.1	—	—	5	µg/L	Y	—	NQ	2016-702	CAMO-16-110034	GELC
MCOI-6	686.0	11/09/17	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0299	0.0263	0.0733	—	pCi/L	Y	U	U	2018-854	CAMO-18-148071	GELC
MCOI-6	686.0	11/08/16	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0243	0.0151	0.0469	—	pCi/L	Y	U	U	2017-396	CAMO-17-127223	GELC
MCOI-6	686.0	11/06/15	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00204	0.0054	0.0239	—	pCi/L	Y	U	U	2016-286	CAMO-16-106095	GELC
MCOI-6	686.0	11/07/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0137	0.00727	0.0368	—	pCi/L	Y	U	U	2015-262	CAMO-15-90208	GELC
MCOI-6	686.0	11/07/14	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00273	0.00472	0.0366	—	pCi/L	Y	U	U	2015-262	CAMO-15-90188	GELC
MCOI-6	686.0	11/07/13	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0129	0.0167	0.0474	—	pCi/L	Y	U	U	2014-2426	CAMO-14-45744	GELC
MCOI-6	686.0	11/09/17	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00995	0.0211	0.105	—	pCi/L	Y	U	U	2018-854	CAMO-18-148071	GELC
MCOI-6	686.0	11/08/16	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0263	0.00926	0.0354	—	pCi/L	Y	U	U	2017-396	CAMO-17-127223	GELC
MCOI-6	686.0	11/06/15	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00408	0.00577	0.0458	—	pCi/L	Y	U	U	2016-286	CAMO-16-106095	GELC
MCOI-6	686.0	11/07/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00275	0.00824	0.0543	—	pCi/L	Y	U	U	2015-262	CAMO-15-90208	GELC
MCOI-6	686.0	11/07/14	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00273	0.00983	0.0539	—	pCi/L	Y	U	U	2015-262	CAMO-15-90188	GELC
MCOI-6	686.0	11/07/13	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.043	0.0172	0.0754	—	pCi/L	Y	U	U	2014-2426	CAMO-14-45744	GELC
MCOI-6	686.0	11/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.889	—	—	0.05	mg/L	Y	—	NQ	2018-854	CAMO-18-148055	GELC
MCOI-6	686.0	08/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.845	—	—	0.05	mg/L	Y	—	NQ	2017-2376	CAMO-17-142777	GELC
MCOI-6	686.0	05/11/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.802	—	—	0.05	mg/L	Y	—	NQ	2017-1529	CAMO-17-132200	GELC
MCOI-6	686.0	05/11/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	0.815	—	—	0.05	mg/L	Y	—	NQ	2017-1529	CAMO-17-132308	GELC
MCOI-6	686.0	02/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.889	—	—	0.05	mg/L	Y	—	NQ	2017-993	CAMO-17-129290	GELC
MCOI-6	686.0	11/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.834	—	—	0.05	mg/L	Y	—	NQ	2017-396	CAMO-17-127243	GELC
MCOI-6	686.0	07/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.804	—	—	0.05	mg/L	Y	—	NQ	2016-1786	CAMO-16-124285	GELC
MCOI-6	686.0	05/05/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	0.873	—	—	0.05	mg/L	Y	—	NQ	2016-1157	CAMO-16-115236	GELC
MCOI-6	686.0	05/05/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.867	—	—	0.05	mg/L	Y	—	NQ	2016-1157	CAMO-16-115270	GELC
MCOI-6	686.0	02/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.804	—	—	0.05	mg/L	Y	—	NQ	2016-702	CAMO-16-110034	GELC
MCOI-6	686.0	11/09/17	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-3.6	13.4	50	—	pCi/L	Y	U	U	2018-854	CAMO-18-148071	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
MCOI-6	686.0	11/08/16	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	30.9	20.9	42.9	—	pCi/L	Y	U	U	2017-396	CAMO-17-127223	GELC
MCOI-6	686.0	11/06/15	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-8.49	19.5	72.8	—	pCi/L	Y	U	U	2016-286	CAMO-16-106095	GELC
MCOI-6	686.0	11/07/14	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	13.6	17.5	56.2	—	pCi/L	Y	U	U	2015-262	CAMO-15-90208	GELC
MCOI-6	686.0	11/07/14	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-18.2	16.1	59.6	—	pCi/L	Y	U	U	2015-262	CAMO-15-90188	GELC
MCOI-6	686.0	11/07/13	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-16	14.2	48.2	—	pCi/L	Y	U	U	2014-2426	CAMO-14-45744	GELC
MCOI-6	686.0	11/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.6	—	—	0.053	mg/L	Y	—	NQ	2018-854	CAMO-18-148055	GELC
MCOI-6	686.0	08/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	61.4	—	—	0.053	mg/L	Y	—	NQ	2017-2376	CAMO-17-142777	GELC
MCOI-6	686.0	05/11/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	63.4	—	—	0.053	mg/L	Y	—	NQ	2017-1529	CAMO-17-132200	GELC
MCOI-6	686.0	05/11/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	63.7	—	—	0.053	mg/L	Y	—	NQ	2017-1529	CAMO-17-132308	GELC
MCOI-6	686.0	02/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.2	—	—	0.053	mg/L	Y	—	NQ	2017-993	CAMO-17-129290	GELC
MCOI-6	686.0	11/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.8	—	—	0.053	mg/L	Y	—	NQ	2017-396	CAMO-17-127243	GELC
MCOI-6	686.0	07/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.8	—	—	0.053	mg/L	Y	—	NQ	2016-1786	CAMO-16-124285	GELC
MCOI-6	686.0	05/05/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.2	—	—	0.053	mg/L	Y	—	NQ	2016-1157	CAMO-16-115236	GELC
MCOI-6	686.0	05/05/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.4	—	—	0.053	mg/L	Y	—	J+	2016-1157	CAMO-16-115270	GELC
MCOI-6	686.0	02/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.6	—	—	0.053	mg/L	Y	—	NQ	2016-702	CAMO-16-110034	GELC
MCOI-6	686.0	11/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	25.6	—	—	0.1	mg/L	Y	—	NQ	2018-854	CAMO-18-148055	GELC
MCOI-6	686.0	08/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	24.7	—	—	0.1	mg/L	Y	—	NQ	2017-2376	CAMO-17-142777	GELC
MCOI-6	686.0	05/11/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	26.7	—	—	0.1	mg/L	Y	—	NQ	2017-1529	CAMO-17-132200	GELC
MCOI-6	686.0	05/11/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	26.9	—	—	0.1	mg/L	Y	—	NQ	2017-1529	CAMO-17-132308	GELC
MCOI-6	686.0	02/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	26.5	—	—	0.1	mg/L	Y	—	NQ	2017-993	CAMO-17-129290	GELC
MCOI-6	686.0	11/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	25.1	—	—	0.1	mg/L	Y	—	NQ	2017-396	CAMO-17-127243	GELC
MCOI-6	686.0	07/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	26	—	—	0.1	mg/L	Y	—	NQ	2016-1786	CAMO-16-124285	GELC
MCOI-6	686.0	05/05/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	26.3	—	—	0.1	mg/L	Y	—	NQ	2016-1157	CAMO-16-115236	GELC
MCOI-6	686.0	05/05/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	24.2	—	—	0.1	mg/L	Y	—	J+	2016-1157	CAMO-16-115270	GELC
MCOI-6	686.0	02/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	26.8	—	—	0.1	mg/L	Y	—	NQ	2016-702	CAMO-16-110034	GELC
MCOI-6	686.0	11/09/17	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.184	0.749	3.04	—	pCi/L	Y	U	U	2018-854	CAMO-18-148071	GELC
MCOI-6	686.0	11/08/16	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.578	1.08	4.68	—	pCi/L	Y	U	U	2017-396	CAMO-17-127223	GELC
MCOI-6	686.0	11/06/15	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.83	1.77	5.02	—	pCi/L	Y	U	U	2016-286	CAMO-16-106095	GELC
MCOI-6	686.0	11/07/14	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.49	1.35	5.52	—	pCi/L	Y	U	U	2015-262	CAMO-15-90208	GELC
MCOI-6	686.0	11/07/14	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	3.81	1.53	6.92	—	pCi/L	Y	U	U	2015-262	CAMO-15-90188	GELC
MCOI-6	686.0	11/07/13	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.16	0.906	2.65	—	pCi/L	Y	U	U	2014-2426	CAMO-14-45744	GELC
MCOI-6	686.0	11/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	576	—	—	1	µS/cm	Y	—	NQ	2018-854	CAMO-18-148055	GELC
MCOI-6	686.0	08/07/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	635	—	—	1	µS/cm	Y	—	NQ	2017-2376	CAMO-17-142777	GELC
MCOI-6	686.0	05/11/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	511	—	—	1	µS/cm	Y	—	NQ	2017-1529	CAMO-17-132200	GELC
MCOI-6	686.0	05/11/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	521	—	—	1	µS/cm	Y	—	NQ	2017-1529	CAMO-17-132308	GELC
MCOI-6	686.0	02/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	550	—	—	1	µS/cm	Y	—	NQ	2017-993	CAMO-17-129290	GELC
MCOI-6	686.0	11/08/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	558	—	—	1	µS/cm	Y	—	NQ	2017-396	CAMO-17-127243	GELC
MCOI-6	686.0	07/25/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	552	—	—	3.63	µS/cm	Y	—	NQ	2016-1786	CAMO-16-124285	GELC
MCOI-6	686.0	05/05/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	613	—	—	3.63	µS/cm	Y	—	NQ	2016-1157	CAMO-16-115236	GELC
MCOI-6	686.0	05/05/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	611	—	—	3.63	µS/cm	Y	—	NQ	2016-1157	CAMO-16-115270	GELC
MCOI-6	686.0	02/08/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	634	—	—	1	µS/cm	Y	—	NQ	2016-702	CAMO-16-110034	GELC
MCOI-6	686.0	11/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	283	—	—	1	µg/L	Y	—	NQ	2018-854	CAMO-18-148055	GELC
MCOI-6	686.0	08/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	262	—	—	1	µg/L	Y	—	NQ	2017-2376	CAMO-17-142777	GELC
MCOI-6	686.0	05/11/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	265	—	—	1	µg/L	Y	—	NQ	2017-1529	CAMO-17-132200	GELC
MCOI-6	686.0	05/11/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	264	—	—	1	µg/L	Y	—	NQ	2017-1529	CAMO-17-132308	GELC
MCOI-6	686.0	02/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	300	—	—	1	µg/L	Y	—	NQ	2017-993	CAMO-17-129290	GELC
MCOI-6	686.0	11/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	278	—	—	1	µg/L	Y	—	NQ	2017-396	CAMO-17-127243	GELC
MCOI-6	686.0	07/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	276	—	—	1	µg/L	Y	—	NQ	2016-1786	CAMO-16-124285	GELC
MCOI-6	686.0	05/05/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	272	—	—	1	µg/L	Y	—	NQ	2016-1157	CAMO-16-115236	GELC
MCOI-6	686.0	05/05/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	269	—	—	1	µg/L	Y	—	NQ	2016-1157	CAMO-16-115270	GELC
MCOI-6	686.0	02/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	306	—	—	1	µg/L	Y	—	NQ	2016-702	CAMO-16-110034	GELC
MCOI-6	686.0	11/09/17	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.115	0.11	0.446	—	pCi/L	Y	U	U	2018-854	CAMO-18-148071	GELC
MCOI-6	686.0	11/08/16	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.25	0.106	0.49	—	pCi/L	Y	U	U	2017-396	CAMO-17-127223	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
MCOI-6	686.0	11/06/15	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.303	0.112	0.482	—	pCi/L	Y	U	U	2016-286	CAMO-16-106095	GELC
MCOI-6	686.0	11/07/14	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0506	0.13	0.485	—	pCi/L	Y	U	U	2015-262	CAMO-15-90208	GELC
MCOI-6	686.0	11/07/14	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.234	0.147	0.485	—	pCi/L	Y	U	U	2015-262	CAMO-15-90188	GELC
MCOI-6	686.0	11/07/13	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.153	0.143	0.491	—	pCi/L	Y	U	U	2014-2426	CAMO-14-45744	GELC
MCOI-6	686.0	11/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	53.4	—	—	1.33	mg/L	Y	—	NQ	2018-854	CAMO-18-148055	GELC
MCOI-6	686.0	08/07/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	54.2	—	—	1.33	mg/L	Y	—	NQ	2017-2376	CAMO-17-142777	GELC
MCOI-6	686.0	05/11/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	60	—	—	1.33	mg/L	Y	—	NQ	2017-1529	CAMO-17-132200	GELC
MCOI-6	686.0	05/11/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	59.2	—	—	1.33	mg/L	Y	—	NQ	2017-1529	CAMO-17-132308	GELC
MCOI-6	686.0	02/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	57.2	—	—	1.33	mg/L	Y	—	NQ	2017-993	CAMO-17-129290	GELC
MCOI-6	686.0	11/08/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	57	—	—	1.33	mg/L	Y	—	NQ	2017-396	CAMO-17-127243	GELC
MCOI-6	686.0	07/25/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	56.5	—	—	1.33	mg/L	Y	—	NQ	2016-1786	CAMO-16-124285	GELC
MCOI-6	686.0	05/05/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	56.9	—	—	1.33	mg/L	Y	—	NQ	2016-1157	CAMO-16-115236	GELC
MCOI-6	686.0	05/05/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	56.5	—	—	1.33	mg/L	Y	—	NQ	2016-1157	CAMO-16-115270	GELC
MCOI-6	686.0	02/08/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	56.7	—	—	1.33	mg/L	Y	—	NQ	2016-702	CAMO-16-110034	GELC
MCOI-6	686.0	11/09/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-854	CAMO-18-148055	GELC
MCOI-6	686.0	11/09/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-854	CAMO-18-148071	GELC
MCOI-6	686.0	08/07/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	2017-2376	CAMO-17-141989	GELC
MCOI-6	686.0	08/07/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	2017-2376	CAMO-17-142777	GELC
MCOI-6	686.0	05/11/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	2017-1529	CAMO-17-132200	GELC
MCOI-6	686.0	05/11/17	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	2017-1529	CAMO-17-132308	GELC
MCOI-6	686.0	05/11/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	2017-1529	CAMO-17-132220	GELC
MCOI-6	686.0	05/11/17	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	2017-1529	CAMO-17-132307	GELC
MCOI-6	686.0	11/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	6.47	—	—	2.5	µg/L	Y	J	J	2018-854	CAMO-18-148055	GELC
MCOI-6	686.0	05/11/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	3.09	—	—	2.5	µg/L	Y	J	J	2017-1529	CAMO-17-132200	GELC
MCOI-6	686.0	05/11/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Tin	Sn	Y	3.87	—	—	2.5	µg/L	Y	J	J	2017-1529	CAMO-17-132308	GELC
MCOI-6	686.0	02/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	4.88	—	—	2.5	µg/L	Y	J	J	2017-993	CAMO-17-129290	GELC
MCOI-6	686.0	11/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	4.9	—	—	2.5	µg/L	Y	J	J	2017-396	CAMO-17-127243	GELC
MCOI-6	686.0	07/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	2016-1786	CAMO-16-124285	GELC
MCOI-6	686.0	05/05/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Tin	Sn	Y	4.59	—	—	2.5	µg/L	Y	J	J	2016-1157	CAMO-16-115236	GELC
MCOI-6	686.0	05/05/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	5.64	—	—	2.5	µg/L	Y	J	J	2016-1157	CAMO-16-115270	GELC
MCOI-6	686.0	02/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	3.63	—	—	2.5	µg/L	Y	J	J	2016-702	CAMO-16-110034	GELC
MCOI-6	686.0	11/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	391	—	—	3.4	mg/L	Y	—	NQ	2018-854	CAMO-18-148055	GELC
MCOI-6	686.0	08/07/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	401	—	—	3.4	mg/L	Y	—	NQ	2017-2376	CAMO-17-142777	GELC
MCOI-6	686.0	05/11/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	386	—	—	3.4	mg/L	Y	—	NQ	2017-1529	CAMO-17-132200	GELC
MCOI-6	686.0	05/11/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	413	—	—	3.4	mg/L	Y	—	NQ	2017-1529	CAMO-17-132308	GELC
MCOI-6	686.0	02/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	416	—	—	3.4	mg/L	Y	—	NQ	2017-993	CAMO-17-129290	GELC
MCOI-6	686.0	11/08/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	427	—	—	3.4	mg/L	Y	—	NQ	2017-396	CAMO-17-127243	GELC
MCOI-6	686.0	07/25/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	431	—	—	3.4	mg/L	Y	—	NQ	2016-1786	CAMO-16-124285	GELC
MCOI-6	686.0	05/05/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	426	—	—	3.4	mg/L	Y	—	NQ	2016-1157	CAMO-16-115236	GELC
MCOI-6	686.0	05/05/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	430	—	—	3.4	mg/L	Y	—	NQ	2016-1157	CAMO-16-115270	GELC
MCOI-6	686.0	02/08/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	410	—	—	3.4	mg/L	Y	—	NQ	2016-702	CAMO-16-110034	GELC
MCOI-6	686.0	08/07/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.162	—	—	0.033	mg/L	Y	—	NQ	2017-2376	CAMO-17-141989	GELC
MCOI-6	686.0	05/11/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.214	—	—	0.033	mg/L	Y	—	NQ	2017-1529	CAMO-17-132220	GELC
MCOI-6	686.0	05/11/17	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.177	—	—	0.033	mg/L	Y	—	NQ	2017-1529	CAMO-17-132307	GELC
MCOI-6	686.0	02/08/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.142	—	—	0.033	mg/L	Y	—	NQ	2017-993	CAMO-17-129306	GELC
MCOI-6	686.0	11/08/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0652	—	—	0.033	mg/L	Y	J	J	2017-396	CAMO-17-127223	GELC
MCOI-6	686.0	07/25/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0554	—	—	0.033	mg/L	Y	J	J	2016-1786	CAMO-16-124261	GELC
MCOI-6	686.0	05/05/16	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2016-1157	CAMO-16-115233	GELC
MCOI-6	686.0	05/05/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0485	—	—	0.033	mg/L	Y	J	J	2016-1157	CAMO-16-115247	GELC
MCOI-6	686.0	02/08/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2016-702	CAMO-16-110016	GELC
MCOI-6	686.0	11/09/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.959	—	—	0.33	mg/L	Y	J	J	2018-854	CAMO-18-148071	GELC
MCOI-6	686.0	08/07/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.91	—	—	0.33	mg/L	Y	J	J	2017-2376	CAMO-17-141989	GELC
MCOI-6	686.0	05/11/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.984	—	—	0.33	mg/L	Y	J	J	2017-1529	CAMO-17-132220	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
MCOI-6	686.0	05/11/17	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.962	—	—	0.33	mg/L	Y	J	J	2017-1529	CAMO-17-132307	GELC
MCOI-6	686.0	02/08/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.921	—	—	0.33	mg/L	Y	J	J	2017-993	CAMO-17-129306	GELC
MCOI-6	686.0	11/08/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.837	—	—	0.33	mg/L	Y	J	J	2017-396	CAMO-17-127223	GELC
MCOI-6	686.0	07/25/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.929	—	—	0.33	mg/L	Y	J	J	2016-1786	CAMO-16-124261	GELC
MCOI-6	686.0	05/05/16	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.865	—	—	0.33	mg/L	Y	J	J	2016-1157	CAMO-16-115233	GELC
MCOI-6	686.0	05/05/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.866	—	—	0.33	mg/L	Y	J	J	2016-1157	CAMO-16-115247	GELC
MCOI-6	686.0	02/08/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.791	—	—	0.33	mg/L	Y	J	J	2016-702	CAMO-16-110016	GELC
MCOI-6	686.0	11/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.102	—	—	0.02	mg/L	Y	—	NQ	2018-854	CAMO-18-148055	GELC
MCOI-6	686.0	08/07/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0572	—	—	0.02	mg/L	Y	—	NQ	2017-2376	CAMO-17-142777	GELC
MCOI-6	686.0	05/11/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0273	—	—	0.02	mg/L	Y	J	J	2017-1529	CAMO-17-132200	GELC
MCOI-6	686.0	05/11/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0395	—	—	0.02	mg/L	Y	J	J	2017-1529	CAMO-17-132308	GELC
MCOI-6	686.0	02/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.334	—	—	0.02	mg/L	Y	—	NQ	2017-993	CAMO-17-129290	GELC
MCOI-6	686.0	11/08/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0605	—	—	0.02	mg/L	Y	—	NQ	2017-396	CAMO-17-127243	GELC
MCOI-6	686.0	07/25/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0672	—	—	0.02	mg/L	Y	—	NQ	2016-1786	CAMO-16-124285	GELC
MCOI-6	686.0	05/05/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0764	—	—	0.02	mg/L	Y	—	NQ	2016-1157	CAMO-16-115236	GELC
MCOI-6	686.0	05/05/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0651	—	—	0.02	mg/L	Y	—	NQ	2016-1157	CAMO-16-115270	GELC
MCOI-6	686.0	02/08/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.048	—	—	0.017	mg/L	Y	J	J	2016-702	CAMO-16-110034	GELC
MCOI-6	686.0	11/09/17	WG	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	Y	3200	107	145	—	pCi/L	Y	—	NQ	2018-854	CAMO-18-148071	GELC
MCOI-6	686.0	11/08/16	WG	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	Y	2960	105	141	—	pCi/L	Y	—	NQ	2017-396	CAMO-17-127223	GELC
MCOI-6	686.0	11/06/15	WG	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	Y	2940	134	170	—	pCi/L	Y	—	NQ	2016-286	CAMO-16-106095	GELC
MCOI-6	686.0	11/07/14	WG	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	Y	3130	147	192	—	pCi/L	Y	—	NQ	2015-262	CAMO-15-90208	GELC
MCOI-6	686.0	11/07/14	WG	UF	INIT	FD	RAD	EPA:906.0	Tritium	H-3	Y	2940	147	198	—	pCi/L	Y	—	NQ	2015-262	CAMO-15-90188	GELC
MCOI-6	686.0	11/07/13	WG	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	Y	3390	155	191	—	pCi/L	Y	—	NQ	2014-2426	CAMO-14-45744	GELC
MCOI-6	686.0	11/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.829	—	—	0.067	µg/L	Y	—	NQ	2018-854	CAMO-18-148055	GELC
MCOI-6	686.0	08/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.85	—	—	0.067	µg/L	Y	—	NQ	2017-2376	CAMO-17-142777	GELC
MCOI-6	686.0	05/11/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.81	—	—	0.067	µg/L	Y	—	NQ	2017-1529	CAMO-17-132200	GELC
MCOI-6	686.0	05/11/17	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.807	—	—	0.067	µg/L	Y	—	NQ	2017-1529	CAMO-17-132308	GELC
MCOI-6	686.0	02/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.979	—	—	0.067	µg/L	Y	—	NQ	2017-993	CAMO-17-129290	GELC
MCOI-6	686.0	11/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.02	—	—	0.067	µg/L	Y	—	NQ	2017-396	CAMO-17-127243	GELC
MCOI-6	686.0	07/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.993	—	—	0.067	µg/L	Y	—	NQ	2016-1786	CAMO-16-124285	GELC
MCOI-6	686.0	05/05/16	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	1.03	—	—	0.067	µg/L	Y	—	NQ	2016-1157	CAMO-16-115236	GELC
MCOI-6	686.0	05/05/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.01	—	—	0.067	µg/L	Y	—	NQ	2016-1157	CAMO-16-115270	GELC
MCOI-6	686.0	02/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.14	—	—	0.067	µg/L	Y	—	NQ	2016-702	CAMO-16-110034	GELC
MCOI-6	686.0	11/09/17	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.721	0.0424	0.116	—	pCi/L	Y	—	NQ	2018-854	CAMO-18-148071	GELC
MCOI-6	686.0	11/08/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.808	0.0491	0.128	—	pCi/L	Y	—	NQ	2017-396	CAMO-17-127223	GELC
MCOI-6	686.0	11/06/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.837	0.05	0.0956	—	pCi/L	Y	—	NQ	2016-286	CAMO-16-106095	GELC
MCOI-6	686.0	11/07/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.818	0.0597	0.0783	—	pCi/L	Y	—	NQ	2015-262	CAMO-15-90208	GELC
MCOI-6	686.0	11/07/14	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.918	0.0499	0.0531	—	pCi/L	Y	—	NQ	2015-262	CAMO-15-90188	GELC
MCOI-6	686.0	11/07/13	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.776	0.0628	0.104	—	pCi/L	Y	—	NQ	2014-2426	CAMO-14-45744	GELC
MCOI-6	686.0	11/09/17	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.106	0.0184	0.0501	—	pCi/L	Y	—	NQ	2018-854	CAMO-18-148071	GELC
MCOI-6	686.0	11/08/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0581	0.0154	0.0861	—	pCi/L	Y	U	U	2017-396	CAMO-17-127223	GELC
MCOI-6	686.0	11/06/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0471	0.014	0.0834	—	pCi/L	Y	U	U	2016-286	CAMO-16-106095	GELC
MCOI-6	686.0	11/07/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0142	0.0125	0.0682	—	pCi/L	Y	U	U	2015-262	CAMO-15-90208	GELC
MCOI-6	686.0	11/07/14	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0224	0.0124	0.0462	—	pCi/L	Y	U	U	2015-262	CAMO-15-90188	GELC
MCOI-6	686.0	11/07/13	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.018	0.0199	0.0601	—	pCi/L	Y	U	U	2014-2426	CAMO-14-45744	GELC
MCOI-6	686.0	11/09/17	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.351	0.029	0.0678	—	pCi/L	Y	—	NQ	2018-854	CAMO-18-148071	GELC
MCOI-6	686.0	11/08/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.394	0.0343	0.0977	—	pCi/L	Y	—	NQ	2017-396	CAMO-17-127223	GELC
MCOI-6	686.0	11/06/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.36	0.033	0.0944	—	pCi/L	Y	—	NQ	2016-286	CAMO-16-106095	GELC
MCOI-6	686.0	11/07/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.283	0.0346	0.075	—	pCi/L	Y	—	NQ	2015-262	CAMO-15-90208	GELC
MCOI-6	686.0	11/07/14	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.35	0.0312	0.0509	—	pCi/L	Y	—	NQ	2015-262	CAMO-15-90188	GELC
MCOI-6	686.0	11/07/13	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.31	0.0417	0.0538	—	pCi/L	Y	—	NQ	2014-2426	CAMO-14-45744	GELC
MCOI-6	686.0	08/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.08	—	—	1	µg/L	Y	J	J	2017-2376	CAMO-17-142777	GELC
MCOI-6	686.0	05/11/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	N	5	—	—	1	µg/L	Y	U	U	2017-1529	CAMO-17-132200	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
MCOI-6	686.0	05/11/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.42	—	—	1	µg/L	Y	J	J	2017-1529	CAMO-17-132308	GELC
MCOI-6	686.0	02/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.66	—	—	1	µg/L	Y	J	J	2017-993	CAMO-17-129290	GELC
MCOI-6	686.0	11/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.43	—	—	1	µg/L	Y	J	J	2017-396	CAMO-17-127243	GELC
MCOI-6	686.0	07/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.17	—	—	1	µg/L	Y	J	J	2016-1786	CAMO-16-124285	GELC
MCOI-6	686.0	05/05/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.43	—	—	1	µg/L	Y	J	J	2016-1157	CAMO-16-115236	GELC
MCOI-6	686.0	05/05/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.46	—	—	1	µg/L	Y	J	J	2016-1157	CAMO-16-115270	GELC
MCOI-6	686.0	02/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.14	—	—	1	µg/L	Y	J	J	2016-702	CAMO-16-110034	GELC
MCOI-6	686.0	11/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	26.3	—	—	3.3	µg/L	Y	—	NQ	2018-854	CAMO-18-148055	GELC
MCOI-6	686.0	08/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	20.6	—	—	3.3	µg/L	Y	—	NQ	2017-2376	CAMO-17-142777	GELC
MCOI-6	686.0	05/11/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	18.4	—	—	3.3	µg/L	Y	—	NQ	2017-1529	CAMO-17-132200	GELC
MCOI-6	686.0	05/11/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Zinc	Zn	Y	17.9	—	—	3.3	µg/L	Y	—	NQ	2017-1529	CAMO-17-132308	GELC
MCOI-6	686.0	02/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	20.5	—	—	3.3	µg/L	Y	—	NQ	2017-993	CAMO-17-129290	GELC
MCOI-6	686.0	11/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	31.1	—	—	3.3	µg/L	Y	—	NQ	2017-396	CAMO-17-127243	GELC
MCOI-6	686.0	07/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	28.1	—	—	3.3	µg/L	Y	—	NQ	2016-1786	CAMO-16-124285	GELC
MCOI-6	686.0	05/05/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Zinc	Zn	Y	24.3	—	—	3.3	µg/L	Y	—	NQ	2016-1157	CAMO-16-115236	GELC
MCOI-6	686.0	05/05/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	24.7	—	—	3.3	µg/L	Y	—	NQ	2016-1157	CAMO-16-115270	GELC
MCOI-6	686.0	02/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	25.4	—	—	3.3	µg/L	Y	—	NQ	2016-702	CAMO-16-110034	GELC
R-1	1031.12	11/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.12	—	—	0.01	SU	Y	H	NQ	2018-854	CAMO-18-148056	GELC
R-1	1031.12	11/09/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.99	—	—	0.01	SU	Y	H	NQ	2018-854	CAMO-18-148108	GELC
R-1	1031.12	05/15/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.96	—	—	0.01	SU	Y	H	NQ	2017-1533	CAMO-17-132201	GELC
R-1	1031.12	11/15/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.98	—	—	0.01	SU	Y	H	NQ	2017-469	CAMO-17-127215	GELC
R-1	1031.12	11/15/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.05	—	—	0.01	SU	Y	H	NQ	2017-469	CAMO-17-127244	GELC
R-1	1031.12	05/04/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.99	—	—	0.01	SU	Y	H	NQ	2016-1149	CAMO-16-115271	GELC
R-1	1031.12	11/20/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.37	—	—	0.01	SU	Y	H	NQ	2016-389	CAMO-16-106117	GELC
R-1	1031.12	05/04/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.93	—	—	0.01	SU	Y	H	NQ	2015-1147	CAMO-15-95796	GELC
R-1	1031.12	11/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	68.3	—	—	1.45	mg/L	Y	H	NQ	2018-854	CAMO-18-148056	GELC
R-1	1031.12	11/09/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66.7	—	—	1.45	mg/L	Y	H	NQ	2018-854	CAMO-18-148108	GELC
R-1	1031.12	05/15/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66.4	—	—	1.45	mg/L	Y	—	NQ	2017-1533	CAMO-17-132201	GELC
R-1	1031.12	11/15/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66.8	—	—	1.45	mg/L	Y	—	NQ	2017-469	CAMO-17-127215	GELC
R-1	1031.12	11/15/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	67.8	—	—	1.45	mg/L	Y	—	NQ	2017-469	CAMO-17-127244	GELC
R-1	1031.12	05/04/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.1	—	—	0.725	mg/L	Y	—	NQ	2016-1149	CAMO-16-115271	GELC
R-1	1031.12	11/20/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.9	—	—	0.725	mg/L	Y	—	NQ	2016-389	CAMO-16-106117	GELC
R-1	1031.12	05/04/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.9	—	—	0.725	mg/L	Y	—	NQ	2015-1147	CAMO-15-95796	GELC
R-1	1031.12	11/09/17	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.00544	0.0343	—	pCi/L	Y	U	U	2018-854	CAMO-18-148072	GELC
R-1	1031.12	11/09/17	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0201	0.00837	0.0325	—	pCi/L	Y	U	U	2018-854	CAMO-18-148110	GELC
R-1	1031.12	11/20/15	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0049	0.00775	0.0331	—	pCi/L	Y	U	U	2016-389	CAMO-16-106096	GELC
R-1	1031.12	11/10/14	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00682	0.00835	0.0711	—	pCi/L	Y	U	U	2015-265	CAMO-15-90209	GELC
R-1	1031.12	10/30/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00259	0.00449	0.0295	—	pCi/L	Y	U	U	2013-247	CAMO-13-24240	GELC
R-1	1031.12	07/13/10	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00514	0.0045	0.032	—	pCi/L	Y	U	U	10-3684	CAMO-10-22844	GELC
R-1	1031.12	11/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0477	—	—	0.017	mg/L	Y	J	J	2018-854	CAMO-18-148056	GELC
R-1	1031.12	11/09/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0193	—	—	0.017	mg/L	Y	J	J	2018-854	CAMO-18-148108	GELC
R-1	1031.12	05/15/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0565	—	—	0.017	mg/L	Y	—	U	2017-1533	CAMO-17-132201	GELC
R-1	1031.12	11/15/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.017	mg/L	Y	U	U	2017-469	CAMO-17-127215	GELC
R-1	1031.12	11/15/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.017	mg/L	Y	U	U	2017-469	CAMO-17-127244	GELC
R-1	1031.12	05/04/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0865	—	—	0.017	mg/L	Y	—	U	2016-1149	CAMO-16-115271	GELC
R-1	1031.12	11/20/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.017	mg/L	Y	U	U	2016-389	CAMO-16-106117	GELC
R-1	1031.12	11/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.36	—	—	2	µg/L	Y	J	J	2018-854	CAMO-18-148056	GELC
R-1	1031.12	11/09/17	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	Y	2.05	—	—	2	µg/L	Y	J	J	2018-854	CAMO-18-148108	GELC
R-1	1031.12	05/15/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	2	µg/L	Y	U	U	2017-1533	CAMO-17-132201	GELC
R-1	1031.12	11/15/16	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	Y	1.88	—	—	1.7	µg/L	Y	J	J	2017-469	CAMO-17-127215	GELC
R-1	1031.12	11/15/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	1.84	—	—	1.7	µg/L	Y	J	J	2017-469	CAMO-17-127244	GELC
R-1	1031.12	05/04/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2016-1149	CAMO-16-115271	GELC
R-1	1031.12	11/20/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2016-389	CAMO-16-106117	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-1	1031.12	11/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	13.5	—	—	1	µg/L	Y	—	NQ	2018-854	CAMO-18-148056	GELC
R-1	1031.12	11/09/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	13.6	—	—	1	µg/L	Y	—	NQ	2018-854	CAMO-18-148108	GELC
R-1	1031.12	05/15/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	12.5	—	—	1	µg/L	Y	—	NQ	2017-1533	CAMO-17-132201	GELC
R-1	1031.12	11/15/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	13.1	—	—	1	µg/L	Y	—	NQ	2017-469	CAMO-17-127215	GELC
R-1	1031.12	11/15/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	13.5	—	—	1	µg/L	Y	—	NQ	2017-469	CAMO-17-127244	GELC
R-1	1031.12	05/04/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	13	—	—	1	µg/L	Y	—	NQ	2016-1149	CAMO-16-115271	GELC
R-1	1031.12	11/20/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	13.8	—	—	1	µg/L	Y	—	NQ	2016-389	CAMO-16-106117	GELC
R-1	1031.12	05/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	13.1	—	—	1	µg/L	Y	—	NQ	2015-1147	CAMO-15-95796	GELC
R-1	1031.12	11/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.3	—	—	0.05	mg/L	Y	—	NQ	2018-854	CAMO-18-148056	GELC
R-1	1031.12	11/09/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.4	—	—	0.05	mg/L	Y	—	NQ	2018-854	CAMO-18-148108	GELC
R-1	1031.12	05/15/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.7	—	—	0.05	mg/L	Y	—	NQ	2017-1533	CAMO-17-132201	GELC
R-1	1031.12	11/15/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.3	—	—	0.05	mg/L	Y	—	NQ	2017-469	CAMO-17-127215	GELC
R-1	1031.12	11/15/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.5	—	—	0.05	mg/L	Y	—	NQ	2017-469	CAMO-17-127244	GELC
R-1	1031.12	05/04/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.1	—	—	0.05	mg/L	Y	—	NQ	2016-1149	CAMO-16-115271	GELC
R-1	1031.12	11/20/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.5	—	—	0.05	mg/L	Y	—	NQ	2016-389	CAMO-16-106117	GELC
R-1	1031.12	05/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.2	—	—	0.05	mg/L	Y	—	NQ	2015-1147	CAMO-15-95796	GELC
R-1	1031.12	11/09/17	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.919	0.901	3.54	—	pCi/L	Y	U	U	2018-854	CAMO-18-148072	GELC
R-1	1031.12	11/09/17	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	3.78	1.28	3.85	—	pCi/L	Y	U	U	2018-854	CAMO-18-148110	GELC
R-1	1031.12	11/20/15	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.62	0.89	2.95	—	pCi/L	Y	U	U	2016-389	CAMO-16-106096	GELC
R-1	1031.12	11/10/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.131	1.74	6.18	—	pCi/L	Y	U	U	2015-265	CAMO-15-90209	GELC
R-1	1031.12	10/30/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.788	1.43	5.03	—	pCi/L	Y	U	U	2013-247	CAMO-13-24240	GELC
R-1	1031.12	07/13/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.63	1.6	5.7	—	pCi/L	Y	U	U	10-3684	CAMO-10-22844	GELC
R-1	1031.12	11/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.82	—	—	0.067	mg/L	Y	—	NQ	2018-854	CAMO-18-148056	GELC
R-1	1031.12	11/09/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.85	—	—	0.067	mg/L	Y	—	NQ	2018-854	CAMO-18-148108	GELC
R-1	1031.12	05/15/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.01	—	—	0.067	mg/L	Y	—	NQ	2017-1533	CAMO-17-132201	GELC
R-1	1031.12	11/15/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.97	—	—	0.067	mg/L	Y	—	NQ	2017-469	CAMO-17-127215	GELC
R-1	1031.12	11/15/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.98	—	—	0.067	mg/L	Y	—	NQ	2017-469	CAMO-17-127244	GELC
R-1	1031.12	05/04/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.92	—	—	0.067	mg/L	Y	—	NQ	2016-1149	CAMO-16-115271	GELC
R-1	1031.12	11/20/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.89	—	—	0.067	mg/L	Y	—	NQ	2016-389	CAMO-16-106117	GELC
R-1	1031.12	05/04/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.86	—	—	0.067	mg/L	Y	—	NQ	2015-1147	CAMO-15-95796	GELC
R-1	1031.12	11/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.95	—	—	3	µg/L	Y	J	J	2018-854	CAMO-18-148056	GELC
R-1	1031.12	11/09/17	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	6.11	—	—	3	µg/L	Y	J	J	2018-854	CAMO-18-148108	GELC
R-1	1031.12	05/15/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.74	—	—	3	µg/L	Y	J	J	2017-1533	CAMO-17-132201	GELC
R-1	1031.12	11/15/16	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	6.39	—	—	3	µg/L	Y	J	J	2017-469	CAMO-17-127215	GELC
R-1	1031.12	11/15/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	6.05	—	—	3	µg/L	Y	J	J	2017-469	CAMO-17-127244	GELC
R-1	1031.12	05/04/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	9.76	—	—	2	µg/L	Y	J	U	2016-1149	CAMO-16-115271	GELC
R-1	1031.12	11/20/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.83	—	—	2	µg/L	Y	J	J	2016-389	CAMO-16-106117	GELC
R-1	1031.12	05/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.68	—	—	2	µg/L	Y	J	J	2015-1147	CAMO-15-95796	GELC
R-1	1031.12	11/09/17	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.695	0.933	3.44	—	pCi/L	Y	U	U	2018-854	CAMO-18-148072	GELC
R-1	1031.12	11/09/17	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.151	1.07	4.09	—	pCi/L	Y	U	U	2018-854	CAMO-18-148110	GELC
R-1	1031.12	11/20/15	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.356	1.22	4.41	—	pCi/L	Y	U	U	2016-389	CAMO-16-106096	GELC
R-1	1031.12	11/10/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-2.02	1.53	5.04	—	pCi/L	Y	U	U	2015-265	CAMO-15-90209	GELC
R-1	1031.12	10/30/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.11	1.28	5.36	—	pCi/L	Y	U	U	2013-247	CAMO-13-24240	GELC
R-1	1031.12	07/13/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.973	1.4	4.9	—	pCi/L	Y	U	U	10-3684	CAMO-10-22844	GELC
R-1	1031.12	11/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.088	—	—	0.033	mg/L	Y	J	J	2018-854	CAMO-18-148056	GELC
R-1	1031.12	11/09/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0887	—	—	0.033	mg/L	Y	J	J	2018-854	CAMO-18-148108	GELC
R-1	1031.12	05/15/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.153	—	—	0.033	mg/L	Y	—	NQ	2017-1533	CAMO-17-132201	GELC
R-1	1031.12	11/15/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.116	—	—	0.033	mg/L	Y	—	NQ	2017-469	CAMO-17-127215	GELC
R-1	1031.12	11/15/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.123	—	—	0.033	mg/L	Y	—	NQ	2017-469	CAMO-17-127244	GELC
R-1	1031.12	05/04/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.124	—	—	0.033	mg/L	Y	—	NQ	2016-1149	CAMO-16-115271	GELC
R-1	1031.12	11/20/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.136	—	—	0.033	mg/L	Y	—	NQ	2016-389	CAMO-16-106117	GELC
R-1	1031.12	05/04/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.134	—	—	0.033	mg/L	Y	—	NQ	2015-1147	CAMO-15-95796	GELC
R-1	1031.12	11/09/17	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.359	0.463	1.92	—	pCi/L	Y	U	U	2018-854	CAMO-18-148072	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-1	1031.12	11/09/17	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	0.573	0.532	1.87	—	pCi/L	Y	U	U	2018-854	CAMO-18-148110	GELC
R-1	1031.12	11/20/15	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.34	0.89	2.97	—	pCi/L	Y	U	U	2016-389	CAMO-16-106096	GELC
R-1	1031.12	11/10/14	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.99	0.806	2.13	—	pCi/L	Y	U	U	2015-265	CAMO-15-90209	GELC
R-1	1031.12	10/30/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.0647	0.579	2.65	—	pCi/L	Y	U	U	2013-247	CAMO-13-24240	GELC
R-1	1031.12	07/13/10	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.769	0.69	2.5	—	pCi/L	Y	U	U	10-3684	CAMO-10-22844	GELC
R-1	1031.12	11/09/17	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.25	0.922	2.88	—	pCi/L	Y	U	U	2018-854	CAMO-18-148072	GELC
R-1	1031.12	11/09/17	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	1.16	0.637	2.05	—	pCi/L	Y	U	U	2018-854	CAMO-18-148110	GELC
R-1	1031.12	11/20/15	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.94	0.86	2.78	—	pCi/L	Y	U	U	2016-389	CAMO-16-106096	GELC
R-1	1031.12	11/10/14	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	1.92	0.581	1.88	—	pCi/L	Y	—	NQ	2015-265	CAMO-15-90209	GELC
R-1	1031.12	10/30/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.61	0.947	2.92	—	pCi/L	Y	U	U	2013-247	CAMO-13-24240	GELC
R-1	1031.12	07/13/10	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.204	0.73	2.7	—	pCi/L	Y	U	U	10-3684	CAMO-10-22844	GELC
R-1	1031.12	11/09/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	45.1	—	—	0.453	mg/L	Y	—	NQ	2018-854	CAMO-18-148056	GELC
R-1	1031.12	11/09/17	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	45	—	—	0.453	mg/L	Y	—	NQ	2018-854	CAMO-18-148108	GELC
R-1	1031.12	05/15/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	41.6	—	—	0.453	mg/L	Y	—	NQ	2017-1533	CAMO-17-132201	GELC
R-1	1031.12	11/15/16	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	44.8	—	—	0.453	mg/L	Y	—	NQ	2017-469	CAMO-17-127215	GELC
R-1	1031.12	11/15/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	45.3	—	—	0.453	mg/L	Y	—	NQ	2017-469	CAMO-17-127244	GELC
R-1	1031.12	05/04/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	43.4	—	—	0.453	mg/L	Y	—	NQ	2016-1149	CAMO-16-115271	GELC
R-1	1031.12	11/20/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	46	—	—	0.453	mg/L	Y	—	NQ	2016-389	CAMO-16-106117	GELC
R-1	1031.12	05/04/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	41.1	—	—	0.453	mg/L	Y	—	NQ	2015-1147	CAMO-15-95796	GELC
R-1	1031.12	11/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.09	—	—	0.11	mg/L	Y	—	NQ	2018-854	CAMO-18-148056	GELC
R-1	1031.12	11/09/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.99	—	—	0.11	mg/L	Y	—	NQ	2018-854	CAMO-18-148108	GELC
R-1	1031.12	05/15/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.61	—	—	0.11	mg/L	Y	—	NQ	2017-1533	CAMO-17-132201	GELC
R-1	1031.12	11/15/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.02	—	—	0.11	mg/L	Y	—	NQ	2017-469	CAMO-17-127215	GELC
R-1	1031.12	11/15/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.06	—	—	0.11	mg/L	Y	—	NQ	2017-469	CAMO-17-127244	GELC
R-1	1031.12	05/04/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.83	—	—	0.11	mg/L	Y	—	NQ	2016-1149	CAMO-16-115271	GELC
R-1	1031.12	11/20/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.2	—	—	0.11	mg/L	Y	—	NQ	2016-389	CAMO-16-106117	GELC
R-1	1031.12	05/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.79	—	—	0.11	mg/L	Y	—	NQ	2015-1147	CAMO-15-95796	GELC
R-1	1031.12	11/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.08	—	—	0.2	µg/L	Y	—	NQ	2018-854	CAMO-18-148056	GELC
R-1	1031.12	11/09/17	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.03	—	—	0.2	µg/L	Y	—	NQ	2018-854	CAMO-18-148108	GELC
R-1	1031.12	05/15/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.13	—	—	0.2	µg/L	Y	—	NQ	2017-1533	CAMO-17-132201	GELC
R-1	1031.12	11/15/16	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.14	—	—	0.3	µg/L	Y	—	NQ	2017-469	CAMO-17-127215	GELC
R-1	1031.12	11/15/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.13	—	—	0.3	µg/L	Y	—	NQ	2017-469	CAMO-17-127244	GELC
R-1	1031.12	05/04/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.09	—	—	0.165	µg/L	Y	—	NQ	2016-1149	CAMO-16-115271	GELC
R-1	1031.12	11/20/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.05	—	—	0.165	µg/L	Y	—	NQ	2016-389	CAMO-16-106117	GELC
R-1	1031.12	05/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.08	—	—	0.165	µg/L	Y	—	NQ	2015-1147	CAMO-15-95796	GELC
R-1	1031.12	11/09/17	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.206	1.73	6.38	—	pCi/L	Y	U	U	2018-854	CAMO-18-148072	GELC
R-1	1031.12	11/09/17	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.854	1.84	6.67	—	pCi/L	Y	U	U	2018-854	CAMO-18-148110	GELC
R-1	1031.12	11/20/15	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.407	1.93	6.87	—	pCi/L	Y	U	U	2016-389	CAMO-16-106096	GELC
R-1	1031.12	11/10/14	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.953	4.03	12	—	pCi/L	Y	U	U	2015-265	CAMO-15-90209	GELC
R-1	1031.12	10/30/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.29	2.85	9.74	—	pCi/L	Y	U	U	2013-247	CAMO-13-24240	GELC
R-1	1031.12	07/13/10	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	5.8	2.9	10	—	pCi/L	Y	U	U	10-3684	CAMO-10-22844	GELC
R-1	1031.12	11/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.95	—	—	0.6	µg/L	Y	J	J	2018-854	CAMO-18-148056	GELC
R-1	1031.12	11/09/17	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.96	—	—	0.6	µg/L	Y	J	J	2018-854	CAMO-18-148108	GELC
R-1	1031.12	05/15/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.02	—	—	0.6	µg/L	Y	—	NQ	2017-1533	CAMO-17-132201	GELC
R-1	1031.12	11/15/16	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.94	—	—	0.5	µg/L	Y	—	NQ	2017-469	CAMO-17-127215	GELC
R-1	1031.12	11/15/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.77	—	—	0.5	µg/L	Y	—	NQ	2017-469	CAMO-17-127244	GELC
R-1	1031.12	05/04/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.34	—	—	0.5	µg/L	Y	—	NQ	2016-1149	CAMO-16-115271	GELC
R-1	1031.12	11/20/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.58	—	—	0.5	µg/L	Y	—	NQ	2016-389	CAMO-16-106117	GELC
R-1	1031.12	05/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.62	—	—	0.5	µg/L	Y	—	NQ	2015-1147	CAMO-15-95796	GELC
R-1	1031.12	11/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.316	—	—	0.017	mg/L	Y	—	NQ	2018-854	CAMO-18-148056	GELC
R-1	1031.12	11/09/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.316	—	—	0.017	mg/L	Y	—	NQ	2018-854	CAMO-18-148108	GELC
R-1	1031.12	05/15/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.324	—	—	0.017	mg/L	Y	—	NQ	2017-1533	CAMO-17-132201	GELC
R-1	1031.12	11/15/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.339	—	—	0.017	mg/L	Y	—	NQ	2017-469	CAMO-17-127215	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-1	1031.12	11/15/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.34	—	—	0.017	mg/L	Y	—	NQ	2017-469	CAMO-17-127244	GELC
R-1	1031.12	05/04/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.355	—	—	0.017	mg/L	Y	—	NQ	2016-1149	CAMO-16-115271	GELC
R-1	1031.12	11/20/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.346	—	—	0.017	mg/L	Y	—	NQ	2016-389	CAMO-16-106117	GELC
R-1	1031.12	05/04/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.51	—	—	0.017	mg/L	Y	—	NQ	2015-1147	CAMO-15-95796	GELC
R-1	1031.12	11/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	Generic:Nitrogen Isotope Ratio	Nitrogen-15/Nitrogen-14 Ratio	N15N14	Y	4.0674	—	—	—	permil	Y	—	NQ	2018-841	CAMO-18-148056	EES6
R-1	1031.12	11/09/17	WG	F	INIT	FD	GENERAL CHEMISTRY	Generic:Nitrogen Isotope Ratio	Nitrogen-15/Nitrogen-14 Ratio	N15N14	Y	4.6005	—	—	—	permil	Y	—	NQ	2018-841	CAMO-18-148108	EES6
R-1	1031.12	11/15/16	WG	F	INIT	FD	GENERAL CHEMISTRY	Generic:Nitrogen Isotope Ratio	Nitrogen-15/Nitrogen-14 Ratio	N15N14	Y	4.9597	—	—	—	permil	Y	—	NQ	2017-466	CAMO-17-127215	EES6
R-1	1031.12	11/15/16	WG	F	INIT	REG	GENERAL CHEMISTRY	Generic:Nitrogen Isotope Ratio	Nitrogen-15/Nitrogen-14 Ratio	N15N14	Y	4.196	—	—	—	permil	Y	—	NQ	2017-466	CAMO-17-127244	EES6
R-1	1031.12	11/20/15	WG	F	INIT	REG	GENERAL CHEMISTRY	Generic:Nitrogen Isotope Ratio	Nitrogen-15/Nitrogen-14 Ratio	N15N14	Y	5.544	—	—	—	permil	Y	—	NQ	2016-388	CAMO-16-106117	EES6
R-1	1031.12	11/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	Generic:Nitrogen Isotope Ratio	Nitrogen-15/Nitrogen-14 Ratio	N15N14	Y	3.55154	—	—	—	permil	Y	—	NQ	2015-260	CAMO-15-90226	EES6
R-1	1031.12	07/13/10	WG	F	INIT	REG	GENERAL CHEMISTRY	Generic:Nitrogen Isotope Ratio	Nitrogen-15/Nitrogen-14 Ratio	N15N14	Y	5.11601	—	—	—	permil	N	—	NQ	10-3682	CAMO-10-22843	EES6
R-1	1031.12	11/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	Generic:Oxygen Isotope Ratio	Oxygen-18/Oxygen-16 Ratio from Nitrate	O18O16-NO3	Y	-6.2082	—	—	—	permil	Y	—	NQ	2018-841	CAMO-18-148056	EES6
R-1	1031.12	11/09/17	WG	F	INIT	FD	GENERAL CHEMISTRY	Generic:Oxygen Isotope Ratio	Oxygen-18/Oxygen-16 Ratio from Nitrate	O18O16-NO3	Y	-4.7753	—	—	—	permil	Y	—	NQ	2018-841	CAMO-18-148108	EES6
R-1	1031.12	11/15/16	WG	F	INIT	FD	GENERAL CHEMISTRY	Generic:Oxygen Isotope Ratio	Oxygen-18/Oxygen-16 Ratio from Nitrate	O18O16-NO3	Y	-3.975	—	—	—	permil	Y	—	NQ	2017-466	CAMO-17-127215	EES6
R-1	1031.12	11/15/16	WG	F	INIT	REG	GENERAL CHEMISTRY	Generic:Oxygen Isotope Ratio	Oxygen-18/Oxygen-16 Ratio from Nitrate	O18O16-NO3	Y	-5.3927	—	—	—	permil	Y	—	NQ	2017-466	CAMO-17-127244	EES6
R-1	1031.12	11/20/15	WG	F	INIT	REG	GENERAL CHEMISTRY	Generic:Oxygen Isotope Ratio	Oxygen-18/Oxygen-16 Ratio from Nitrate	O18O16-NO3	Y	-1.859	—	—	—	permil	Y	—	NQ	2016-388	CAMO-16-106117	EES6
R-1	1031.12	11/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	Generic:Oxygen Isotope Ratio	Oxygen-18/Oxygen-16 Ratio from Nitrate	O18O16-NO3	Y	-3.74906	—	—	—	permil	Y	—	NQ	2015-260	CAMO-15-90226	EES6
R-1	1031.12	07/13/10	WG	F	INIT	REG	GENERAL CHEMISTRY	Generic:Oxygen Isotope Ratio	Oxygen-18/Oxygen-16 Ratio from Nitrate	O18O16-NO3	Y	-2.86693	—	—	—	permil	N	—	NQ	10-3682	CAMO-10-22843	EES6
R-1	1031.12	11/09/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.336	—	—	0.05	µg/L	Y	—	NQ	2018-854	CAMO-18-148056	GELC
R-1	1031.12	11/09/17	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.334	—	—	0.05	µg/L	Y	—	NQ	2018-854	CAMO-18-148108	GELC
R-1	1031.12	05/15/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.377	—	—	0.05	µg/L	Y	—	NQ	2017-1533	CAMO-17-132201	GELC
R-1	1031.12	11/15/16	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.361	—	—	0.05	µg/L	Y	—	NQ	2017-469	CAMO-17-127215	GELC
R-1	1031.12	11/15/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.357	—	—	0.05	µg/L	Y	—	NQ	2017-469	CAMO-17-127244	GELC
R-1	1031.12	05/04/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.34	—	—	0.05	µg/L	Y	—	NQ	2016-1149	CAMO-16-115271	GELC
R-1	1031.12	11/20/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.373	—	—	0.05	µg/L	Y	—	NQ	2016-389	CAMO-16-106117	GELC
R-1	1031.12	05/04/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.351	—	—	0.05	µg/L	Y	—	NQ	2015-1147	CAMO-15-95796	GELC
R-1	1031.12	11/09/17	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00461	0.0103	0.068	—	pCi/L	Y	U	U	2018-854	CAMO-18-148072	GELC
R-1	1031.12	11/09/17	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0102	0.0102	0.0749	—	pCi/L	Y	U	U	2018-854	CAMO-18-148110	GELC
R-1	1031.12	11/20/15	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0104	0.00692	0.0244	—	pCi/L	Y	U	U	2016-389	CAMO-16-106096	GELC
R-1	1031.12	11/10/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00311	0.00538	0.0417	—	pCi/L	Y	U	U	2015-265	CAMO-15-90209	GELC
R-1	1031.12	10/30/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00545	0.00545	0.0262	—	pCi/L	Y	U	U	2013-247	CAMO-13-24240	GELC
R-1	1031.12	07/13/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0031	0.0044	0.041	—	pCi/L	Y	U	U	10-3684	CAMO-10-22844	GELC
R-1	1031.12	11/09/17	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0138	0.0138	0.0971	—	pCi/L	Y	U	U	2018-854	CAMO-18-148072	GELC
R-1	1031.12	11/09/17	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00508	0.0114	0.107	—	pCi/L	Y	U	U	2018-854	CAMO-18-148110	GELC
R-1	1031.12	11/20/15	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00417	0.0059	0.0469	—	pCi/L	Y	U	U	2016-389	CAMO-16-106096	GELC
R-1	1031.12	11/10/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.00982	0.0614	—	pCi/L	Y	U	U	2015-265	CAMO-15-90209	GELC
R-1	1031.12	10/30/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00272	0.00721	0.0435	—	pCi/L	Y	U	U	2013-247	CAMO-13-24240	GELC
R-1	1031.12	07/13/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00929	0.0069	0.042	—	pCi/L	Y	U	U	10-3684	CAMO-10-22844	GELC
R-1	1031.12	11/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.67	—	—	0.05	mg/L	Y	—	NQ	2018-854	CAMO-18-148056	GELC
R-1	1031.12	11/09/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	1.71	—	—	0.05	mg/L	Y	—	NQ	2018-854	CAMO-18-148108	GELC
R-1	1031.12	05/15/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.64	—	—	0.05	mg/L	Y	—	NQ	2017-1533	CAMO-17-132201	GELC
R-1	1031.12	11/15/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	1.63	—	—	0.05	mg/L	Y	—	NQ	2017-469	CAMO-17-127215	GELC
R-1	1031.12	11/15/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.73	—	—	0.05	mg/L	Y	—	NQ	2017-469	CAMO-17-127244	GELC
R-1	1031.12	05/04/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.53	—	—	0.05	mg/L	Y	—	NQ	2016-1149	CAMO-16-115271	GELC
R-1	1031.12	11/20/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.69	—	—	0.05	mg/L	Y	—	NQ	2016-389	CAMO-16-106117	GELC
R-1	1031.12	05/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.73	—	—	0.05	mg/L	Y	—	NQ	2015-1147	CAMO-15-95796	GELC
R-1	1031.12	11/09/17	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	17.2	19.6	35.5	—	pCi/L	Y	U	U	2018-854	CAMO-18-148072	GELC
R-1	1031.12	11/09/17	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-34.6	16.3	46.2	—	pCi/L	Y	U	U	2018-854	CAMO-18-148110	GELC
R-1	1031.12	11/20/15	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-13.2	13.7	43.8	—	pCi/L	Y	U	U	2016-389	CAMO-16-106096	GELC
R-1	1031.12	11/10/14	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	26.2	23.2	62.8	—	pCi/L	Y	U	U	2015-265	CAMO-15-90209	GELC
R-1	1031.12	10/30/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	1.81	19.6	69.6	—	pCi/L	Y	U	U	2013-247	CAMO-13-24240	GELC
R-1	1031.12	07/13/10	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	11.3	19	71	—	pCi/L	Y	U	U	10-3684	CAMO-10-22844	GELC
R-1	1031.12	11/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.7	—	—	0.053	mg/L	Y	—	NQ	2018-854	CAMO-18-148056	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-1	1031.12	11/09/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	75.6	—	—	0.053	mg/L	Y	—	NQ	2018-854	CAMO-18-148108	GELC
R-1	1031.12	05/15/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.1	—	—	0.053	mg/L	Y	—	NQ	2017-1533	CAMO-17-132201	GELC
R-1	1031.12	11/15/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.1	—	—	0.053	mg/L	Y	—	NQ	2017-469	CAMO-17-127215	GELC
R-1	1031.12	11/15/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.5	—	—	0.053	mg/L	Y	—	NQ	2017-469	CAMO-17-127244	GELC
R-1	1031.12	05/04/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.6	—	—	0.053	mg/L	Y	—	NQ	2016-1149	CAMO-16-115271	GELC
R-1	1031.12	11/20/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	76.4	—	—	0.053	mg/L	Y	—	NQ	2016-389	CAMO-16-106117	GELC
R-1	1031.12	05/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	75	—	—	0.053	mg/L	Y	—	NQ	2015-1147	CAMO-15-95796	GELC
R-1	1031.12	11/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.3	—	—	0.1	mg/L	Y	—	NQ	2018-854	CAMO-18-148056	GELC
R-1	1031.12	11/09/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	11	—	—	0.1	mg/L	Y	—	NQ	2018-854	CAMO-18-148108	GELC
R-1	1031.12	05/15/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.9	—	—	0.1	mg/L	Y	—	NQ	2017-1533	CAMO-17-132201	GELC
R-1	1031.12	11/15/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.1	—	—	0.1	mg/L	Y	—	NQ	2017-469	CAMO-17-127215	GELC
R-1	1031.12	11/15/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.9	—	—	0.1	mg/L	Y	—	NQ	2017-469	CAMO-17-127244	GELC
R-1	1031.12	05/04/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.6	—	—	0.1	mg/L	Y	—	NQ	2016-1149	CAMO-16-115271	GELC
R-1	1031.12	11/20/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.1	—	—	0.1	mg/L	Y	—	NQ	2016-389	CAMO-16-106117	GELC
R-1	1031.12	05/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.8	—	—	0.1	mg/L	Y	—	NQ	2015-1147	CAMO-15-95796	GELC
R-1	1031.12	11/09/17	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.583	0.868	3.25	—	pCi/L	Y	U	U	2018-854	CAMO-18-148072	GELC
R-1	1031.12	11/09/17	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.0407	1.09	4.2	—	pCi/L	Y	U	U	2018-854	CAMO-18-148110	GELC
R-1	1031.12	11/20/15	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.0583	0.922	3.53	—	pCi/L	Y	U	U	2016-389	CAMO-16-106096	GELC
R-1	1031.12	11/10/14	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.27	1.75	5.8	—	pCi/L	Y	U	U	2015-265	CAMO-15-90209	GELC
R-1	1031.12	10/30/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.15	1.49	5.98	—	pCi/L	Y	U	U	2013-247	CAMO-13-24240	GELC
R-1	1031.12	07/13/10	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	2.2	1.2	4.8	—	pCi/L	Y	U	U	10-3684	CAMO-10-22844	GELC
R-1	1031.12	11/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	145	—	—	1	µS/cm	Y	—	NQ	2018-854	CAMO-18-148056	GELC
R-1	1031.12	11/09/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	142	—	—	1	µS/cm	Y	—	NQ	2018-854	CAMO-18-148108	GELC
R-1	1031.12	05/15/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	123	—	—	1	µS/cm	Y	—	NQ	2017-1533	CAMO-17-132201	GELC
R-1	1031.12	11/15/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	138	—	—	1	µS/cm	Y	—	NQ	2017-469	CAMO-17-127215	GELC
R-1	1031.12	11/15/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	137	—	—	1	µS/cm	Y	—	NQ	2017-469	CAMO-17-127244	GELC
R-1	1031.12	05/04/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	157	—	—	1	µS/cm	Y	—	NQ	2016-1149	CAMO-16-115271	GELC
R-1	1031.12	11/20/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	131	—	—	3.63	µS/cm	Y	—	NQ	2016-389	CAMO-16-106117	GELC
R-1	1031.12	05/04/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	127	—	—	3.63	µS/cm	Y	—	NQ	2015-1147	CAMO-15-95796	GELC
R-1	1031.12	11/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	51.2	—	—	1	µg/L	Y	—	NQ	2018-854	CAMO-18-148056	GELC
R-1	1031.12	11/09/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	50.7	—	—	1	µg/L	Y	—	NQ	2018-854	CAMO-18-148108	GELC
R-1	1031.12	05/15/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	47.9	—	—	1	µg/L	Y	—	NQ	2017-1533	CAMO-17-132201	GELC
R-1	1031.12	11/15/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	49.8	—	—	1	µg/L	Y	—	NQ	2017-469	CAMO-17-127215	GELC
R-1	1031.12	11/15/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	49.9	—	—	1	µg/L	Y	—	NQ	2017-469	CAMO-17-127244	GELC
R-1	1031.12	05/04/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	50.2	—	—	1	µg/L	Y	—	NQ	2016-1149	CAMO-16-115271	GELC
R-1	1031.12	11/20/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	48.7	—	—	1	µg/L	Y	—	NQ	2016-389	CAMO-16-106117	GELC
R-1	1031.12	05/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	51.8	—	—	1	µg/L	Y	—	NQ	2015-1147	CAMO-15-95796	GELC
R-1	1031.12	11/09/17	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.021	0.122	0.452	—	pCi/L	Y	U	U	2018-854	CAMO-18-148072	GELC
R-1	1031.12	11/09/17	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.113	0.102	0.425	—	pCi/L	Y	U	U	2018-854	CAMO-18-148110	GELC
R-1	1031.12	11/20/15	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.267	0.147	0.483	—	pCi/L	Y	U	U	2016-389	CAMO-16-106096	GELC
R-1	1031.12	11/10/14	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0636	0.0643	0.224	—	pCi/L	Y	U	U	2015-265	CAMO-15-90209	GELC
R-1	1031.12	10/30/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.225	0.147	0.49	—	pCi/L	Y	U	U	2013-247	CAMO-13-24240	GELC
R-1	1031.12	07/13/10	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0194	0.1	0.4	—	pCi/L	Y	U	U	10-3684	CAMO-10-22844	GELC
R-1	1031.12	11/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.25	—	—	0.133	mg/L	Y	—	NQ	2018-854	CAMO-18-148056	GELC
R-1	1031.12	11/09/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.25	—	—	0.133	mg/L	Y	—	NQ	2018-854	CAMO-18-148108	GELC
R-1	1031.12	05/15/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.4	—	—	0.133	mg/L	Y	—	NQ	2017-1533	CAMO-17-132201	GELC
R-1	1031.12	11/15/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.26	—	—	0.133	mg/L	Y	—	NQ	2017-469	CAMO-17-127215	GELC
R-1	1031.12	11/15/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.28	—	—	0.133	mg/L	Y	—	NQ	2017-469	CAMO-17-127244	GELC
R-1	1031.12	05/04/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.27	—	—	0.133	mg/L	Y	—	NQ	2016-1149	CAMO-16-115271	GELC
R-1	1031.12	11/20/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.26	—	—	0.133	mg/L	Y	—	NQ	2016-389	CAMO-16-106117	GELC
R-1	1031.12	05/04/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.19	—	—	0.133	mg/L	Y	—	NQ	2015-1147	CAMO-15-95796	GELC
R-1	1031.12	11/09/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-854	CAMO-18-148056	GELC
R-1	1031.12	11/09/17	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-854	CAMO-18-148108	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-1	1031.12	11/09/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-854	CAMO-18-148072	GELC
R-1	1031.12	11/09/17	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-854	CAMO-18-148110	GELC
R-1	1031.12	05/15/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2017-1533	CAMO-17-132221	GELC
R-1	1031.12	05/15/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2017-1533	CAMO-17-132201	GELC
R-1	1031.12	11/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	98.6	—	—	3.4	mg/L	Y	—	NQ	2018-854	CAMO-18-148056	GELC
R-1	1031.12	11/09/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	136	—	—	3.4	mg/L	Y	—	NQ	2018-854	CAMO-18-148108	GELC
R-1	1031.12	05/15/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	124	—	—	3.4	mg/L	Y	—	J	2017-1533	CAMO-17-132201	GELC
R-1	1031.12	11/15/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	187	—	—	3.4	mg/L	Y	—	NQ	2017-469	CAMO-17-127215	GELC
R-1	1031.12	11/15/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	196	—	—	3.4	mg/L	Y	—	NQ	2017-469	CAMO-17-127244	GELC
R-1	1031.12	05/04/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	117	—	—	3.4	mg/L	Y	—	NQ	2016-1149	CAMO-16-115271	GELC
R-1	1031.12	11/20/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	130	—	—	3.4	mg/L	Y	—	NQ	2016-389	CAMO-16-106117	GELC
R-1	1031.12	05/04/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	117	—	—	3.4	mg/L	Y	—	NQ	2015-1147	CAMO-15-95796	GELC
R-1	1031.12	11/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0826	—	—	0.02	mg/L	Y	—	NQ	2018-854	CAMO-18-148056	GELC
R-1	1031.12	11/09/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0865	—	—	0.02	mg/L	Y	—	NQ	2018-854	CAMO-18-148108	GELC
R-1	1031.12	05/15/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0232	—	—	0.02	mg/L	Y	J	J	2017-1533	CAMO-17-132201	GELC
R-1	1031.12	11/15/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0318	—	—	0.02	mg/L	Y	J	J	2017-469	CAMO-17-127215	GELC
R-1	1031.12	11/15/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0324	—	—	0.02	mg/L	Y	J	J	2017-469	CAMO-17-127244	GELC
R-1	1031.12	05/04/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0524	—	—	0.02	mg/L	Y	—	NQ	2016-1149	CAMO-16-115271	GELC
R-1	1031.12	11/20/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0271	—	—	0.017	mg/L	Y	J	J	2016-389	CAMO-16-106117	GELC
R-1	1031.12	05/04/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.05	—	—	0.017	mg/L	Y	U	U	2015-1147	CAMO-15-95796	GELC
R-1	1031.12	11/09/17	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-1.018	0.839	2.86	—	pCi/L	Y	QU	U	2018-932	CAMO-18-148072	ARSL
R-1	1031.12	11/09/17	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-1.106	0.802	2.728	—	pCi/L	Y	QU	U	2018-932	CAMO-18-148110	ARSL
R-1	1031.12	11/15/16	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.392	0.658	2.265	—	pCi/L	Y	U	U	2017-493	CAMO-17-127224	ARSL
R-1	1031.12	11/15/16	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.725	0.674	2.215	—	pCi/L	Y	U	U	2017-493	CAMO-17-127213	ARSL
R-1	1031.12	11/20/15	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.348	0.741	2.542	—	pCi/L	Y	U	U	2016-399	CAMO-16-106096	ARSL
R-1	1031.12	11/18/13	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.525	0.609	2.019	—	pCi/L	Y	U	U	2014-2520	CAMO-14-45745	ARSL
R-1	1031.12	10/30/12	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.785	0.791	2.41	—	pCi/L	Y	U	U	2013-251	CAMO-13-24240	ARSL
R-1	1031.12	11/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.775	—	—	0.067	µg/L	Y	—	NQ	2018-854	CAMO-18-148056	GELC
R-1	1031.12	11/09/17	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.774	—	—	0.067	µg/L	Y	—	NQ	2018-854	CAMO-18-148108	GELC
R-1	1031.12	05/15/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.787	—	—	0.067	µg/L	Y	—	NQ	2017-1533	CAMO-17-132201	GELC
R-1	1031.12	11/15/16	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.885	—	—	0.067	µg/L	Y	—	NQ	2017-469	CAMO-17-127215	GELC
R-1	1031.12	11/15/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.864	—	—	0.067	µg/L	Y	—	NQ	2017-469	CAMO-17-127244	GELC
R-1	1031.12	05/04/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.08	—	—	0.067	µg/L	Y	—	NQ	2016-1149	CAMO-16-115271	GELC
R-1	1031.12	11/20/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.898	—	—	0.067	µg/L	Y	—	NQ	2016-389	CAMO-16-106117	GELC
R-1	1031.12	05/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.91	—	—	0.067	µg/L	Y	—	NQ	2015-1147	CAMO-15-95796	GELC
R-1	1031.12	11/09/17	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.713	0.0418	0.116	—	pCi/L	Y	—	NQ	2018-854	CAMO-18-148072	GELC
R-1	1031.12	11/09/17	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.765	0.0443	0.122	—	pCi/L	Y	—	NQ	2018-854	CAMO-18-148110	GELC
R-1	1031.12	11/20/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.79	0.0473	0.0893	—	pCi/L	Y	—	NQ	2016-389	CAMO-16-106096	GELC
R-1	1031.12	11/10/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.766	0.0471	0.0576	—	pCi/L	Y	—	NQ	2015-265	CAMO-15-90209	GELC
R-1	1031.12	10/30/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.729	0.0509	0.0719	—	pCi/L	Y	—	NQ	2013-247	CAMO-13-24240	GELC
R-1	1031.12	07/13/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.768	0.071	0.068	—	pCi/L	Y	—	NQ	10-3684	CAMO-10-22844	GELC
R-1	1031.12	11/09/17	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0547	0.016	0.0501	—	pCi/L	Y	—	NQ	2018-854	CAMO-18-148072	GELC
R-1	1031.12	11/09/17	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.091	0.0182	0.0528	—	pCi/L	Y	—	NQ	2018-854	CAMO-18-148110	GELC
R-1	1031.12	11/20/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00676	0.00828	0.0779	—	pCi/L	Y	U	U	2016-389	CAMO-16-106096	GELC
R-1	1031.12	11/10/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0244	0.0125	0.0502	—	pCi/L	Y	U	U	2015-265	CAMO-15-90209	GELC
R-1	1031.12	10/30/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0115	0.0101	0.0449	—	pCi/L	Y	U	U	2013-247	CAMO-13-24240	GELC
R-1	1031.12	07/13/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0262	0.0095	0.041	—	pCi/L	Y	U	U	10-3684	CAMO-10-22844	GELC
R-1	1031.12	11/09/17	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.324	0.0286	0.0678	—	pCi/L	Y	—	NQ	2018-854	CAMO-18-148072	GELC
R-1	1031.12	11/09/17	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.373	0.0322	0.0715	—	pCi/L	Y	—	NQ	2018-854	CAMO-18-148110	GELC
R-1	1031.12	11/20/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.298	0.0288	0.0882	—	pCi/L	Y	—	NQ	2016-389	CAMO-16-106096	GELC
R-1	1031.12	11/10/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.324	0.0312	0.0552	—	pCi/L	Y	—	NQ	2015-265	CAMO-15-90209	GELC
R-1	1031.12	10/30/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.335	0.0328	0.0488	—	pCi/L	Y	—	NQ	2013-247	CAMO-13-24240	GELC
R-1	1031.12	07/13/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.276	0.034	0.047	—	pCi/L	Y	—	NQ	10-3684	CAMO-10-22844	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-1	1031.12	11/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.33	—	—	1	µg/L	Y	—	NQ	2018-854	CAMO-18-148056	GELC
R-1	1031.12	11/09/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.97	—	—	1	µg/L	Y	—	NQ	2018-854	CAMO-18-148108	GELC
R-1	1031.12	05/15/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.51	—	—	1	µg/L	Y	—	NQ	2017-1533	CAMO-17-132201	GELC
R-1	1031.12	11/15/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.62	—	—	1	µg/L	Y	—	NQ	2017-469	CAMO-17-127215	GELC
R-1	1031.12	11/15/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.71	—	—	1	µg/L	Y	—	NQ	2017-469	CAMO-17-127244	GELC
R-1	1031.12	05/04/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	8.17	—	—	1	µg/L	Y	—	NQ	2016-1149	CAMO-16-115271	GELC
R-1	1031.12	11/20/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	8.06	—	—	1	µg/L	Y	—	NQ	2016-389	CAMO-16-106117	GELC
R-1	1031.12	05/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	8.11	—	—	1	µg/L	Y	—	NQ	2015-1147	CAMO-15-95796	GELC
R-11	855.0	11/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.31	—	—	0.01	SU	Y	H	NQ	2018-828	CASA-18-147991	GELC
R-11	855.0	08/01/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.38	—	—	0.01	SU	Y	H	NQ	2017-2278	CASA-17-142006	GELC
R-11	855.0	05/05/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.28	—	—	0.01	SU	Y	H	NQ	2017-1490	CASA-17-132319	GELC
R-11	855.0	02/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.19	—	—	0.01	SU	Y	H	NQ	2017-1005	CASA-17-129323	GELC
R-11	855.0	02/09/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.21	—	—	0.01	SU	Y	H	NQ	2017-1005	CASA-17-129339	GELC
R-11	855.0	11/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.32	—	—	0.01	SU	Y	H	NQ	2017-498	CASA-17-127290	GELC
R-11	855.0	08/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.2	—	—	0.01	SU	Y	H	NQ	2016-1998	CASA-16-124340	GELC
R-11	855.0	05/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.17	—	—	0.01	SU	Y	H	NQ	2016-1222	CASA-16-115488	GELC
R-11	855.0	02/08/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.53	—	—	0.01	SU	Y	H	NQ	2016-704	CASA-16-110063	GELC
R-11	855.0	08/01/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	2.82	—	—	1.45	mg/L	Y	J	J	2017-2278	CASA-17-142006	GELC
R-11	855.0	05/05/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	4	—	—	1.45	mg/L	Y	U	U	2017-1490	CASA-17-132319	GELC
R-11	855.0	02/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	4	—	—	1.45	mg/L	Y	U	U	2017-1005	CASA-17-129323	GELC
R-11	855.0	02/09/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	4	—	—	1.45	mg/L	Y	U	U	2017-1005	CASA-17-129339	GELC
R-11	855.0	11/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	4	—	—	1.45	mg/L	Y	U	U	2017-498	CASA-17-127290	GELC
R-11	855.0	08/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	2	—	—	0.725	mg/L	Y	U	U	2016-1998	CASA-16-124340	GELC
R-11	855.0	11/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	77.2	—	—	1.45	mg/L	Y	—	NQ	2018-828	CASA-18-147991	GELC
R-11	855.0	08/01/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	76.8	—	—	1.45	mg/L	Y	—	NQ	2017-2278	CASA-17-142006	GELC
R-11	855.0	05/05/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	77.4	—	—	1.45	mg/L	Y	—	NQ	2017-1490	CASA-17-132319	GELC
R-11	855.0	02/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	77	—	—	1.45	mg/L	Y	—	NQ	2017-1005	CASA-17-129323	GELC
R-11	855.0	02/09/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	77	—	—	1.45	mg/L	Y	—	NQ	2017-1005	CASA-17-129339	GELC
R-11	855.0	11/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	78.7	—	—	1.45	mg/L	Y	—	NQ	2017-498	CASA-17-127290	GELC
R-11	855.0	08/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	75.8	—	—	0.725	mg/L	Y	—	NQ	2016-1998	CASA-16-124340	GELC
R-11	855.0	05/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	72.2	—	—	0.725	mg/L	Y	—	NQ	2016-1222	CASA-16-115488	GELC
R-11	855.0	02/08/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	72.6	—	—	0.725	mg/L	Y	—	NQ	2016-704	CASA-16-110063	GELC
R-11	855.0	11/08/17	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0209	0.0134	0.0414	—	pCi/L	Y	U	U	2018-828	CASA-18-147998	GELC
R-11	855.0	11/11/15	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00463	0.00866	0.0312	—	pCi/L	Y	U	U	2016-315	CASA-16-106240	GELC
R-11	855.0	11/19/14	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0136	0.0175	0.0945	—	pCi/L	Y	U	U	2015-393	CASA-15-90249	GELC
R-11	855.0	11/05/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0123	0.00867	0.0349	—	pCi/L	Y	U	U	2013-270	CASA-13-24209	GELC
R-11	855.0	08/17/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00254	0.00568	0.0348	—	pCi/L	Y	U	U	12-1508	CASA-12-21643	GELC
R-11	855.0	11/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0411	—	—	0.017	mg/L	Y	J	J	2018-828	CASA-18-147991	GELC
R-11	855.0	08/01/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0716	—	—	0.017	mg/L	Y	—	NQ	2017-2278	CASA-17-142006	GELC
R-11	855.0	05/05/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0217	—	—	0.017	mg/L	Y	J	J	2017-1490	CASA-17-132319	GELC
R-11	855.0	02/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0535	—	—	0.017	mg/L	Y	—	NQ	2017-1005	CASA-17-129323	GELC
R-11	855.0	02/09/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.017	mg/L	Y	U	U	2017-1005	CASA-17-129339	GELC
R-11	855.0	11/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.116	—	—	0.017	mg/L	Y	—	J	2017-498	CASA-17-127290	GELC
R-11	855.0	08/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0605	—	—	0.017	mg/L	Y	—	NQ	2016-1998	CASA-16-124340	GELC
R-11	855.0	05/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0506	—	—	0.017	mg/L	Y	—	U	2016-1222	CASA-16-115488	GELC
R-11	855.0	02/08/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0743	—	—	0.017	mg/L	Y	—	U	2016-704	CASA-16-110063	GELC
R-11	855.0	11/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.01	—	—	2	µg/L	Y	J	J	2018-828	CASA-18-147991	GELC
R-11	855.0	08/01/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.94	—	—	2	µg/L	Y	J	J	2017-2278	CASA-17-142006	GELC
R-11	855.0	05/05/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.1	—	—	2	µg/L	Y	J	J	2017-1490	CASA-17-132319	GELC
R-11	855.0	02/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.63	—	—	1.7	µg/L	Y	J	J	2017-1005	CASA-17-129323	GELC
R-11	855.0	02/09/17	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	Y	2.51	—	—	1.7	µg/L	Y	J	J	2017-1005	CASA-17-129339	GELC
R-11	855.0	11/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	1.94	—	—	1.7	µg/L	Y	J	J	2017-498	CASA-17-127290	GELC
R-11	855.0	08/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2016-1998	CASA-16-124340	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-11	855.0	05/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	1.95	—	—	1.7	µg/L	Y	J	J	2016-1222	CASA-16-115488	GELC
R-11	855.0	02/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2016-704	CASA-16-110063	GELC
R-11	855.0	11/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	24	—	—	1	µg/L	Y	—	NQ	2018-828	CASA-18-147991	GELC
R-11	855.0	08/01/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	39.6	—	—	1	µg/L	Y	—	NQ	2017-2278	CASA-17-142006	GELC
R-11	855.0	05/05/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	41.9	—	—	1	µg/L	Y	—	NQ	2017-1490	CASA-17-132319	GELC
R-11	855.0	02/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	38.3	—	—	1	µg/L	Y	—	NQ	2017-1005	CASA-17-129323	GELC
R-11	855.0	02/09/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	39.1	—	—	1	µg/L	Y	—	NQ	2017-1005	CASA-17-129339	GELC
R-11	855.0	11/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	37.2	—	—	1	µg/L	Y	—	NQ	2017-498	CASA-17-127290	GELC
R-11	855.0	08/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	40.5	—	—	1	µg/L	Y	—	NQ	2016-1998	CASA-16-124340	GELC
R-11	855.0	05/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	42.7	—	—	1	µg/L	Y	—	NQ	2016-1222	CASA-16-115488	GELC
R-11	855.0	02/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	39.8	—	—	1	µg/L	Y	—	NQ	2016-704	CASA-16-110063	GELC
R-11	855.0	08/01/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	27.1	—	—	15	µg/L	Y	J	J	2017-2278	CASA-17-142006	GELC
R-11	855.0	05/05/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	29	—	—	15	µg/L	Y	J	J	2017-1490	CASA-17-132319	GELC
R-11	855.0	02/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	26.3	—	—	15	µg/L	Y	J	J	2017-1005	CASA-17-129323	GELC
R-11	855.0	02/09/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	Y	26.5	—	—	15	µg/L	Y	J	J	2017-1005	CASA-17-129339	GELC
R-11	855.0	11/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	27.3	—	—	15	µg/L	Y	J	J	2017-498	CASA-17-127290	GELC
R-11	855.0	08/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	30.7	—	—	15	µg/L	Y	J	J	2016-1998	CASA-16-124340	GELC
R-11	855.0	05/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	23.4	—	—	15	µg/L	Y	J	J	2016-1222	CASA-16-115488	GELC
R-11	855.0	02/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	31.4	—	—	15	µg/L	Y	J	J	2016-704	CASA-16-110063	GELC
R-11	855.0	11/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.079	—	—	0.067	mg/L	Y	J	J	2018-828	CASA-18-147991	GELC
R-11	855.0	08/01/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0816	—	—	0.067	mg/L	Y	J	J	2017-2278	CASA-17-142006	GELC
R-11	855.0	05/05/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0768	—	—	0.067	mg/L	Y	J	J	2017-1490	CASA-17-132319	GELC
R-11	855.0	02/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0809	—	—	0.067	mg/L	Y	J	J	2017-1005	CASA-17-129323	GELC
R-11	855.0	02/09/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0867	—	—	0.067	mg/L	Y	J	J	2017-1005	CASA-17-129339	GELC
R-11	855.0	11/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0764	—	—	0.067	mg/L	Y	J	J	2017-498	CASA-17-127290	GELC
R-11	855.0	08/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0769	—	—	0.067	mg/L	Y	J	J	2016-1998	CASA-16-124340	GELC
R-11	855.0	05/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0944	—	—	0.067	mg/L	Y	J	J	2016-1222	CASA-16-115488	GELC
R-11	855.0	02/08/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0887	—	—	0.067	mg/L	Y	J	J	2016-704	CASA-16-110063	GELC
R-11	855.0	11/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.2	—	—	0.05	mg/L	Y	—	NQ	2018-828	CASA-18-147991	GELC
R-11	855.0	08/01/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	22.1	—	—	0.05	mg/L	Y	—	NQ	2017-2278	CASA-17-142006	GELC
R-11	855.0	05/05/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	21.6	—	—	0.05	mg/L	Y	—	NQ	2017-1490	CASA-17-132319	GELC
R-11	855.0	02/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	20.8	—	—	0.05	mg/L	Y	—	NQ	2017-1005	CASA-17-129323	GELC
R-11	855.0	02/09/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	21	—	—	0.05	mg/L	Y	—	NQ	2017-1005	CASA-17-129339	GELC
R-11	855.0	11/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	21.8	—	—	0.05	mg/L	Y	—	NQ	2017-498	CASA-17-127290	GELC
R-11	855.0	08/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	23	—	—	0.05	mg/L	Y	—	NQ	2016-1998	CASA-16-124340	GELC
R-11	855.0	05/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	24.1	—	—	0.05	mg/L	Y	—	NQ	2016-1222	CASA-16-115488	GELC
R-11	855.0	02/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	22.2	—	—	0.05	mg/L	Y	—	NQ	2016-704	CASA-16-110063	GELC
R-11	855.0	11/08/17	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.81	1.49	5.1	—	pCi/L	Y	U	U	2018-828	CASA-18-147998	GELC
R-11	855.0	11/11/15	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.428	1.39	5.04	—	pCi/L	Y	U	U	2016-315	CASA-16-106240	GELC
R-11	855.0	11/19/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.01	1.59	5.7	—	pCi/L	Y	U	U	2015-393	CASA-15-90249	GELC
R-11	855.0	11/05/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.37	1.23	4.54	—	pCi/L	Y	U	U	2013-270	CASA-13-24209	GELC
R-11	855.0	08/17/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.44	1.86	7.55	—	pCi/L	Y	U	U	12-1508	CASA-12-21643	GELC
R-11	855.0	11/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.76	—	—	0.067	mg/L	Y	—	NQ	2018-828	CASA-18-147991	GELC
R-11	855.0	08/01/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.97	—	—	0.067	mg/L	Y	—	NQ	2017-2278	CASA-17-142006	GELC
R-11	855.0	05/05/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.61	—	—	0.067	mg/L	Y	—	NQ	2017-1490	CASA-17-132319	GELC
R-11	855.0	02/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.07	—	—	0.067	mg/L	Y	—	NQ	2017-1005	CASA-17-129323	GELC
R-11	855.0	02/09/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.13	—	—	0.067	mg/L	Y	—	NQ	2017-1005	CASA-17-129339	GELC
R-11	855.0	11/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.36	—	—	0.067	mg/L	Y	—	NQ	2017-498	CASA-17-127290	GELC
R-11	855.0	08/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.45	—	—	0.067	mg/L	Y	—	NQ	2016-1998	CASA-16-124340	GELC
R-11	855.0	05/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.63	—	—	0.067	mg/L	Y	—	NQ	2016-1222	CASA-16-115488	GELC
R-11	855.0	02/08/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.69	—	—	0.067	mg/L	Y	—	NQ	2016-704	CASA-16-110063	GELC
R-11	855.0	11/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	10	—	—	3	µg/L	Y	—	NQ	2018-828	CASA-18-147991	GELC
R-11	855.0	08/01/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	11.5	—	—	3	µg/L	Y	—	NQ	2017-2278	CASA-17-142006	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-11	855.0	05/05/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	16.4	—	—	3	µg/L	Y	—	NQ	2017-1490	CASA-17-132319	GELC
R-11	855.0	02/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	16.3	—	—	3	µg/L	Y	—	NQ	2017-1005	CASA-17-129323	GELC
R-11	855.0	02/09/17	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	16.8	—	—	3	µg/L	Y	—	NQ	2017-1005	CASA-17-129339	GELC
R-11	855.0	11/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	16.1	—	—	3	µg/L	Y	—	NQ	2017-498	CASA-17-127290	GELC
R-11	855.0	08/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	13.9	—	—	2	µg/L	Y	—	NQ	2016-1998	CASA-16-124340	GELC
R-11	855.0	05/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	23.8	—	—	2	µg/L	Y	—	NQ	2016-1222	CASA-16-115488	GELC
R-11	855.0	02/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	22.6	—	—	2	µg/L	Y	—	J	2016-704	CASA-16-110063	GELC
R-11	855.0	05/05/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.28	—	—	—	%	Y	—	NQ	2017-2466	CASA-17-132319	UIL
R-11	855.0	11/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.2	—	—	—	%	Y	—	NQ	2017-649	CASA-17-127290	UIL
R-11	855.0	05/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.16	—	—	—	%	Y	—	NQ	2016-1263	CASA-16-115488	UIL
R-11	855.0	11/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.25	—	—	—	%	Y	—	NQ	2016-583	CASA-16-106253	UIL
R-11	855.0	05/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.28	—	—	—	%	Y	—	NQ	2015-1491	CASA-15-95827	UIL
R-11	855.0	11/08/17	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.13	1.34	5.26	—	pCi/L	Y	U	U	2018-828	CASA-18-147998	GELC
R-11	855.0	11/11/15	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.94	1.57	5.99	—	pCi/L	Y	U	U	2016-315	CASA-16-106240	GELC
R-11	855.0	11/19/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.46	1.17	4.83	—	pCi/L	Y	U	U	2015-393	CASA-15-90249	GELC
R-11	855.0	11/05/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.04	1.24	4.29	—	pCi/L	Y	U	U	2013-270	CASA-13-24209	GELC
R-11	855.0	08/17/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-2.91	2.18	7.34	—	pCi/L	Y	U	U	12-1508	CASA-12-21643	GELC
R-11	855.0	11/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.335	—	—	0.033	mg/L	Y	—	NQ	2018-828	CASA-18-147991	GELC
R-11	855.0	08/01/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.315	—	—	0.033	mg/L	Y	—	NQ	2017-2278	CASA-17-142006	GELC
R-11	855.0	05/05/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.403	—	—	0.033	mg/L	Y	—	NQ	2017-1490	CASA-17-132319	GELC
R-11	855.0	02/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.345	—	—	0.033	mg/L	Y	—	NQ	2017-1005	CASA-17-129323	GELC
R-11	855.0	02/09/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.343	—	—	0.033	mg/L	Y	—	NQ	2017-1005	CASA-17-129339	GELC
R-11	855.0	11/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.31	—	—	0.033	mg/L	Y	—	NQ	2017-498	CASA-17-127290	GELC
R-11	855.0	08/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.281	—	—	0.033	mg/L	Y	—	NQ	2016-1998	CASA-16-124340	GELC
R-11	855.0	05/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.318	—	—	0.033	mg/L	Y	—	NQ	2016-1222	CASA-16-115488	GELC
R-11	855.0	02/08/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.355	—	—	0.033	mg/L	Y	—	NQ	2016-704	CASA-16-110063	GELC
R-11	855.0	11/08/17	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.6	0.737	2.29	—	pCi/L	Y	U	U	2018-828	CASA-18-147998	GELC
R-11	855.0	11/11/15	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.673	0.781	2.87	—	pCi/L	Y	U	U	2016-315	CASA-16-106240	GELC
R-11	855.0	11/19/14	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.736	0.72	2.57	—	pCi/L	Y	U	U	2015-393	CASA-15-90249	GELC
R-11	855.0	11/05/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.27	0.862	2.89	—	pCi/L	Y	U	U	2013-270	CASA-13-24209	GELC
R-11	855.0	08/17/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.134	0.376	2.15	—	pCi/L	Y	U	U	12-1508	CASA-12-21643	GELC
R-11	855.0	11/08/17	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.668	0.607	2.06	—	pCi/L	Y	U	U	2018-828	CASA-18-147998	GELC
R-11	855.0	11/11/15	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.92	0.925	2.86	—	pCi/L	Y	—	NQ	2016-315	CASA-16-106240	GELC
R-11	855.0	11/19/14	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.63	0.801	2.51	—	pCi/L	Y	U	U	2015-393	CASA-15-90249	GELC
R-11	855.0	11/05/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.23	0.697	2.26	—	pCi/L	Y	U	U	2013-270	CASA-13-24209	GELC
R-11	855.0	08/17/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.7	0.823	2.66	—	pCi/L	Y	U	U	12-1508	CASA-12-21643	GELC
R-11	855.0	11/08/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	38.8	—	—	0.453	mg/L	Y	—	NQ	2018-828	CASA-18-147991	GELC
R-11	855.0	08/01/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	80.3	—	—	0.453	mg/L	Y	—	NQ	2017-2278	CASA-17-142006	GELC
R-11	855.0	05/05/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	79.8	—	—	0.453	mg/L	Y	—	NQ	2017-1490	CASA-17-132319	GELC
R-11	855.0	02/09/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	75.9	—	—	0.453	mg/L	Y	—	NQ	2017-1005	CASA-17-129323	GELC
R-11	855.0	02/09/17	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	77	—	—	0.453	mg/L	Y	—	NQ	2017-1005	CASA-17-129339	GELC
R-11	855.0	11/16/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	78.6	—	—	0.453	mg/L	Y	—	NQ	2017-498	CASA-17-127290	GELC
R-11	855.0	08/09/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	83.1	—	—	0.453	mg/L	Y	—	NQ	2016-1998	CASA-16-124340	GELC
R-11	855.0	05/17/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	86.9	—	—	0.453	mg/L	Y	—	NQ	2016-1222	CASA-16-115488	GELC
R-11	855.0	02/08/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	81.7	—	—	0.453	mg/L	Y	—	NQ	2016-704	CASA-16-110063	GELC
R-11	855.0	11/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.26	—	—	0.11	mg/L	Y	—	NQ	2018-828	CASA-18-147991	GELC
R-11	855.0	08/01/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.08	—	—	0.11	mg/L	Y	—	NQ	2017-2278	CASA-17-142006	GELC
R-11	855.0	05/05/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.28	—	—	0.11	mg/L	Y	—	NQ	2017-1490	CASA-17-132319	GELC
R-11	855.0	02/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.8	—	—	0.11	mg/L	Y	—	NQ	2017-1005	CASA-17-129323	GELC
R-11	855.0	02/09/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.93	—	—	0.11	mg/L	Y	—	NQ	2017-1005	CASA-17-129339	GELC
R-11	855.0	11/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.87	—	—	0.11	mg/L	Y	—	NQ	2017-498	CASA-17-127290	GELC
R-11	855.0	08/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.25	—	—	0.11	mg/L	Y	—	NQ	2016-1998	CASA-16-124340	GELC
R-11	855.0	05/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.47	—	—	0.11	mg/L	Y	—	NQ	2016-1222	CASA-16-115488	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-11	855.0	02/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.35	—	—	0.11	mg/L	Y	—	NQ	2016-704	CASA-16-110063	GELC
R-11	855.0	11/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.52	—	—	0.2	µg/L	Y	—	J+	2018-828	CASA-18-147991	GELC
R-11	855.0	08/01/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.49	—	—	0.2	µg/L	Y	—	NQ	2017-2278	CASA-17-142006	GELC
R-11	855.0	05/05/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.6	—	—	0.2	µg/L	Y	—	NQ	2017-1490	CASA-17-132319	GELC
R-11	855.0	02/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.77	—	—	0.3	µg/L	Y	—	NQ	2017-1005	CASA-17-129323	GELC
R-11	855.0	02/09/17	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.24	—	—	0.3	µg/L	Y	—	NQ	2017-1005	CASA-17-129339	GELC
R-11	855.0	11/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.54	—	—	0.3	µg/L	Y	—	NQ	2017-498	CASA-17-127290	GELC
R-11	855.0	08/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.47	—	—	0.165	µg/L	Y	—	NQ	2016-1998	CASA-16-124340	GELC
R-11	855.0	05/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.56	—	—	0.165	µg/L	Y	—	NQ	2016-1222	CASA-16-115488	GELC
R-11	855.0	02/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.71	—	—	0.165	µg/L	Y	—	J	2016-704	CASA-16-110063	GELC
R-11	855.0	11/08/17	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.4	2.73	9.9	—	pCi/L	Y	U	U	2018-828	CASA-18-147998	GELC
R-11	855.0	11/11/15	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.32	3	11	—	pCi/L	Y	U	U	2016-315	CASA-16-106240	GELC
R-11	855.0	11/19/14	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	3.93	2.65	10.1	—	pCi/L	Y	U	U	2015-393	CASA-15-90249	GELC
R-11	855.0	11/05/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.342	2.55	9.17	—	pCi/L	Y	U	U	2013-270	CASA-13-24209	GELC
R-11	855.0	08/17/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-6.01	3.29	10.6	—	pCi/L	Y	U	U	12-1508	CASA-12-21643	GELC
R-11	855.0	11/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.35	—	—	0.085	mg/L	Y	—	NQ	2018-828	CASA-18-147991	GELC
R-11	855.0	08/01/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.35	—	—	0.17	mg/L	Y	—	NQ	2017-2278	CASA-17-142006	GELC
R-11	855.0	05/05/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.2	—	—	0.425	mg/L	Y	—	NQ	2017-1490	CASA-17-132319	GELC
R-11	855.0	02/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.81	—	—	0.17	mg/L	Y	—	NQ	2017-1005	CASA-17-129323	GELC
R-11	855.0	02/09/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	6.22	—	—	0.17	mg/L	Y	—	NQ	2017-1005	CASA-17-129339	GELC
R-11	855.0	11/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.19	—	—	0.17	mg/L	Y	—	NQ	2017-498	CASA-17-127290	GELC
R-11	855.0	08/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.66	—	—	0.17	mg/L	Y	—	NQ	2016-1998	CASA-16-124340	GELC
R-11	855.0	05/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	6	—	—	0.85	mg/L	Y	—	NQ	2016-1222	CASA-16-115488	GELC
R-11	855.0	02/08/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.2	—	—	0.085	mg/L	Y	—	NQ	2016-704	CASA-16-110063	GELC
R-11	855.0	11/08/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.707	—	—	0.05	µg/L	Y	—	NQ	2018-828	CASA-18-147991	GELC
R-11	855.0	08/01/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.818	—	—	0.05	µg/L	Y	—	NQ	2017-2278	CASA-17-142006	GELC
R-11	855.0	05/05/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.816	—	—	0.05	µg/L	Y	—	NQ	2017-1490	CASA-17-132319	GELC
R-11	855.0	02/09/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.78	—	—	0.05	µg/L	Y	—	NQ	2017-1005	CASA-17-129323	GELC
R-11	855.0	02/09/17	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.802	—	—	0.05	µg/L	Y	—	NQ	2017-1005	CASA-17-129339	GELC
R-11	855.0	11/16/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.797	—	—	0.05	µg/L	Y	—	NQ	2017-498	CASA-17-127290	GELC
R-11	855.0	08/09/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.786	—	—	0.05	µg/L	Y	—	NQ	2016-1998	CASA-16-124340	GELC
R-11	855.0	05/17/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.855	—	—	0.05	µg/L	Y	—	NQ	2016-1222	CASA-16-115488	GELC
R-11	855.0	02/08/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.945	—	—	0.05	µg/L	Y	—	NQ	2016-704	CASA-16-110063	GELC
R-11	855.0	11/08/17	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.00901	0.047	—	pCi/L	Y	U	U	2018-828	CASA-18-147998	GELC
R-11	855.0	11/11/15	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0149	0.00859	0.029	—	pCi/L	Y	U	U	2016-315	CASA-16-106240	GELC
R-11	855.0	11/19/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00595	0.0152	0.0399	—	pCi/L	Y	U	U	2015-393	CASA-15-90249	GELC
R-11	855.0	11/05/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0105	0.00628	0.0201	—	pCi/L	Y	U	U	2013-270	CASA-13-24209	GELC
R-11	855.0	08/17/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.00359	0.0171	—	pCi/L	Y	U	U	12-1508	CASA-12-21643	GELC
R-11	855.0	11/08/17	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00637	0.0101	0.0671	—	pCi/L	Y	U	U	2018-828	CASA-18-147998	GELC
R-11	855.0	11/11/15	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00496	0.00859	0.0557	—	pCi/L	Y	U	U	2016-315	CASA-16-106240	GELC
R-11	855.0	11/19/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00298	0.0115	0.0589	—	pCi/L	Y	U	U	2015-393	CASA-15-90249	GELC
R-11	855.0	11/05/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00837	0.00662	0.0334	—	pCi/L	Y	U	U	2013-270	CASA-13-24209	GELC
R-11	855.0	08/17/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00761	0.00567	0.0306	—	pCi/L	Y	U	U	12-1508	CASA-12-21643	GELC
R-11	855.0	11/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.06	—	—	0.05	mg/L	Y	—	NQ	2018-828	CASA-18-147991	GELC
R-11	855.0	08/01/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.44	—	—	0.05	mg/L	Y	—	NQ	2017-2278	CASA-17-142006	GELC
R-11	855.0	05/05/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.49	—	—	0.05	mg/L	Y	—	NQ	2017-1490	CASA-17-132319	GELC
R-11	855.0	02/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.31	—	—	0.05	mg/L	Y	—	NQ	2017-1005	CASA-17-129323	GELC
R-11	855.0	02/09/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	1.32	—	—	0.05	mg/L	Y	—	NQ	2017-1005	CASA-17-129339	GELC
R-11	855.0	11/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.43	—	—	0.05	mg/L	Y	—	NQ	2017-498	CASA-17-127290	GELC
R-11	855.0	08/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.53	—	—	0.05	mg/L	Y	—	NQ	2016-1998	CASA-16-124340	GELC
R-11	855.0	05/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.61	—	—	0.05	mg/L	Y	—	NQ	2016-1222	CASA-16-115488	GELC
R-11	855.0	02/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.48	—	—	0.05	mg/L	Y	—	NQ	2016-704	CASA-16-110063	GELC
R-11	855.0	11/08/17	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-20.7	19.4	72.3	—	pCi/L	Y	U	U	2018-828	CASA-18-147998	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-11	855.0	11/11/15	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-28.8	18.9	63.9	—	pCi/L	Y	U	U	2016-315	CASA-16-106240	GELC
R-11	855.0	11/19/14	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	Y	71.5	14.3	37.8	—	pCi/L	Y	—	NQ	2015-393	CASA-15-90249	GELC
R-11	855.0	11/05/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	15.8	17.4	70.2	—	pCi/L	Y	U	U	2013-270	CASA-13-24209	GELC
R-11	855.0	08/17/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-3.04	17	76.7	—	pCi/L	Y	U	U	12-1508	CASA-12-21643	GELC
R-11	855.0	11/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	77.7	—	—	0.053	mg/L	Y	—	NQ	2018-828	CASA-18-147991	GELC
R-11	855.0	08/01/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.9	—	—	0.053	mg/L	Y	—	NQ	2017-2278	CASA-17-142006	GELC
R-11	855.0	05/05/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.8	—	—	0.053	mg/L	Y	—	NQ	2017-1490	CASA-17-132319	GELC
R-11	855.0	02/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.8	—	—	0.053	mg/L	Y	—	NQ	2017-1005	CASA-17-129323	GELC
R-11	855.0	02/09/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.1	—	—	0.053	mg/L	Y	—	NQ	2017-1005	CASA-17-129339	GELC
R-11	855.0	11/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.5	—	—	0.053	mg/L	Y	—	NQ	2017-498	CASA-17-127290	GELC
R-11	855.0	08/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	75.4	—	—	0.053	mg/L	Y	—	NQ	2016-1998	CASA-16-124340	GELC
R-11	855.0	05/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	78.1	—	—	0.053	mg/L	Y	—	NQ	2016-1222	CASA-16-115488	GELC
R-11	855.0	02/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	75.2	—	—	0.053	mg/L	Y	—	NQ	2016-704	CASA-16-110063	GELC
R-11	855.0	11/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.87	—	—	0.1	mg/L	Y	—	NQ	2018-828	CASA-18-147991	GELC
R-11	855.0	08/01/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.2	—	—	0.1	mg/L	Y	—	NQ	2017-2278	CASA-17-142006	GELC
R-11	855.0	05/05/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.9	—	—	0.1	mg/L	Y	—	NQ	2017-1490	CASA-17-132319	GELC
R-11	855.0	02/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.5	—	—	0.1	mg/L	Y	E	NQ	2017-1005	CASA-17-129323	GELC
R-11	855.0	02/09/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.5	—	—	0.1	mg/L	Y	E	NQ	2017-1005	CASA-17-129339	GELC
R-11	855.0	11/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.2	—	—	0.1	mg/L	Y	—	NQ	2017-498	CASA-17-127290	GELC
R-11	855.0	08/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.1	—	—	0.1	mg/L	Y	—	NQ	2016-1998	CASA-16-124340	GELC
R-11	855.0	05/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.6	—	—	0.1	mg/L	Y	—	NQ	2016-1222	CASA-16-115488	GELC
R-11	855.0	02/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.9	—	—	0.1	mg/L	Y	—	NQ	2016-704	CASA-16-110063	GELC
R-11	855.0	11/08/17	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	3.09	1.37	5.24	—	pCi/L	Y	U	U	2018-828	CASA-18-147998	GELC
R-11	855.0	11/11/15	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	2.61	1.46	5.94	—	pCi/L	Y	U	U	2016-315	CASA-16-106240	GELC
R-11	855.0	11/19/14	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.384	1.05	4.41	—	pCi/L	Y	U	U	2015-393	CASA-15-90249	GELC
R-11	855.0	11/05/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.73	1.17	3.75	—	pCi/L	Y	U	U	2013-270	CASA-13-24209	GELC
R-11	855.0	08/17/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.956	1.78	6.84	—	pCi/L	Y	U	U	12-1508	CASA-12-21643	GELC
R-11	855.0	11/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	235	—	—	1	µS/cm	Y	—	NQ	2018-828	CASA-18-147991	GELC
R-11	855.0	08/01/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	262	—	—	1	µS/cm	Y	—	NQ	2017-2278	CASA-17-142006	GELC
R-11	855.0	05/05/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	226	—	—	1	µS/cm	Y	—	NQ	2017-1490	CASA-17-132319	GELC
R-11	855.0	02/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	222	—	—	1	µS/cm	Y	—	NQ	2017-1005	CASA-17-129323	GELC
R-11	855.0	02/09/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	223	—	—	1	µS/cm	Y	—	NQ	2017-1005	CASA-17-129339	GELC
R-11	855.0	11/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	225	—	—	1	µS/cm	Y	—	NQ	2017-498	CASA-17-127290	GELC
R-11	855.0	08/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	213	—	—	3.63	µS/cm	Y	—	NQ	2016-1998	CASA-16-124340	GELC
R-11	855.0	05/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	213	—	—	3.63	µS/cm	Y	—	NQ	2016-1222	CASA-16-115488	GELC
R-11	855.0	02/08/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	250	—	—	1	µS/cm	Y	—	NQ	2016-704	CASA-16-110063	GELC
R-11	855.0	11/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	45.3	—	—	1	µg/L	Y	—	NQ	2018-828	CASA-18-147991	GELC
R-11	855.0	08/01/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	91.9	—	—	1	µg/L	Y	—	NQ	2017-2278	CASA-17-142006	GELC
R-11	855.0	05/05/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	94.3	—	—	1	µg/L	Y	—	NQ	2017-1490	CASA-17-132319	GELC
R-11	855.0	02/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	82.2	—	—	1	µg/L	Y	—	NQ	2017-1005	CASA-17-129323	GELC
R-11	855.0	02/09/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	83	—	—	1	µg/L	Y	—	NQ	2017-1005	CASA-17-129339	GELC
R-11	855.0	11/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	90.4	—	—	1	µg/L	Y	—	NQ	2017-498	CASA-17-127290	GELC
R-11	855.0	08/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	91.8	—	—	1	µg/L	Y	—	NQ	2016-1998	CASA-16-124340	GELC
R-11	855.0	05/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	94.1	—	—	1	µg/L	Y	—	NQ	2016-1222	CASA-16-115488	GELC
R-11	855.0	02/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	99.3	—	—	1	µg/L	Y	—	NQ	2016-704	CASA-16-110063	GELC
R-11	855.0	11/08/17	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.000543	0.124	0.442	—	pCi/L	Y	U	U	2018-828	CASA-18-147998	GELC
R-11	855.0	11/11/15	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.293	0.101	0.487	—	pCi/L	Y	U	U	2016-315	CASA-16-106240	GELC
R-11	855.0	11/19/14	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.00622	0.131	0.48	—	pCi/L	Y	U	U	2015-393	CASA-15-90249	GELC
R-11	855.0	11/05/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.391	0.135	0.399	—	pCi/L	Y	U	U	2013-270	CASA-13-24209	GELC
R-11	855.0	08/17/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.149	0.135	0.467	—	pCi/L	Y	U	U	12-1508	CASA-12-21643	GELC
R-11	855.0	11/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	9.75	—	—	0.133	mg/L	Y	—	NQ	2018-828	CASA-18-147991	GELC
R-11	855.0	08/01/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	10.5	—	—	0.133	mg/L	Y	—	J+	2017-2278	CASA-17-142006	GELC
R-11	855.0	05/05/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	11.6	—	—	0.133	mg/L	Y	—	NQ	2017-1490	CASA-17-132319	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-11	855.0	02/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	10.4	—	—	0.133	mg/L	Y	—	NQ	2017-1005	CASA-17-129323	GELC
R-11	855.0	02/09/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	10.3	—	—	0.133	mg/L	Y	—	NQ	2017-1005	CASA-17-129339	GELC
R-11	855.0	11/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	10.6	—	—	0.133	mg/L	Y	—	NQ	2017-498	CASA-17-127290	GELC
R-11	855.0	08/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	11.5	—	—	0.133	mg/L	Y	—	NQ	2016-1998	CASA-16-124340	GELC
R-11	855.0	05/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	11.6	—	—	0.133	mg/L	Y	—	NQ	2016-1222	CASA-16-115488	GELC
R-11	855.0	02/08/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	11.5	—	—	0.133	mg/L	Y	—	NQ	2016-704	CASA-16-110063	GELC
R-11	855.0	11/08/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-828	CASA-18-147991	GELC
R-11	855.0	11/08/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-828	CASA-18-147998	GELC
R-11	855.0	08/01/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	2017-2278	CASA-17-142014	GELC
R-11	855.0	08/01/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	2017-2278	CASA-17-142006	GELC
R-11	855.0	05/05/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2017-1490	CASA-17-132319	GELC
R-11	855.0	05/05/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2017-1490	CASA-17-132328	GELC
R-11	855.0	08/01/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	3.04	—	—	2.5	µg/L	Y	J	J	2017-2278	CASA-17-142006	GELC
R-11	855.0	02/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	2017-1005	CASA-17-129323	GELC
R-11	855.0	02/09/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Tin	Sn	Y	3.94	—	—	2.5	µg/L	Y	J	J	2017-1005	CASA-17-129339	GELC
R-11	855.0	11/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	2017-498	CASA-17-127290	GELC
R-11	855.0	08/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	2.81	—	—	2.5	µg/L	Y	J	J	2016-1998	CASA-16-124340	GELC
R-11	855.0	05/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	2016-1222	CASA-16-115488	GELC
R-11	855.0	02/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	2.73	—	—	2.5	µg/L	Y	J	J	2016-704	CASA-16-110063	GELC
R-11	855.0	11/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	180	—	—	3.4	mg/L	Y	—	NQ	2018-828	CASA-18-147991	GELC
R-11	855.0	08/01/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	217	—	—	3.4	mg/L	Y	—	NQ	2017-2278	CASA-17-142006	GELC
R-11	855.0	05/05/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	193	—	—	3.4	mg/L	Y	—	NQ	2017-1490	CASA-17-132319	GELC
R-11	855.0	02/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	186	—	—	3.4	mg/L	Y	—	NQ	2017-1005	CASA-17-129323	GELC
R-11	855.0	02/09/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	177	—	—	3.4	mg/L	Y	—	NQ	2017-1005	CASA-17-129339	GELC
R-11	855.0	11/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	241	—	—	3.4	mg/L	Y	—	NQ	2017-498	CASA-17-127290	GELC
R-11	855.0	08/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	186	—	—	3.4	mg/L	Y	—	NQ	2016-1998	CASA-16-124340	GELC
R-11	855.0	05/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	167	—	—	3.4	mg/L	Y	—	J	2016-1222	CASA-16-115488	GELC
R-11	855.0	02/08/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	181	—	—	3.4	mg/L	Y	—	NQ	2016-704	CASA-16-110063	GELC
R-11	855.0	02/09/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2017-1005	CASA-17-129324	GELC
R-11	855.0	02/09/17	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.16	—	—	0.033	mg/L	Y	—	NQ	2017-1005	CASA-17-129338	GELC
R-11	855.0	11/16/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2017-498	CASA-17-127271	GELC
R-11	855.0	08/09/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2016-1998	CASA-16-124324	GELC
R-11	855.0	05/17/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2016-1222	CASA-16-115479	GELC
R-11	855.0	02/08/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2016-704	CASA-16-110054	GELC
R-11	855.0	11/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0698	—	—	0.02	mg/L	Y	—	NQ	2018-828	CASA-18-147991	GELC
R-11	855.0	08/01/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0461	—	—	0.02	mg/L	Y	J	J	2017-2278	CASA-17-142006	GELC
R-11	855.0	05/05/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0317	—	—	0.02	mg/L	Y	J	J	2017-1490	CASA-17-132319	GELC
R-11	855.0	02/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0294	—	—	0.02	mg/L	Y	J	J	2017-1005	CASA-17-129323	GELC
R-11	855.0	02/09/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.05	—	—	0.02	mg/L	Y	U	U	2017-1005	CASA-17-129339	GELC
R-11	855.0	11/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.05	—	—	0.02	mg/L	Y	U	U	2017-498	CASA-17-127290	GELC
R-11	855.0	08/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.05	—	—	0.02	mg/L	Y	U	U	2016-1998	CASA-16-124340	GELC
R-11	855.0	05/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0298	—	—	0.02	mg/L	Y	J	J	2016-1222	CASA-16-115488	GELC
R-11	855.0	02/08/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.05	—	—	0.017	mg/L	Y	U	U	2016-704	CASA-16-110063	GELC
R-11	855.0	11/08/17	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.098	0.83	2.816	—	pCi/L	Y	QU	U	2018-833	CASA-18-147998	ARSL
R-11	855.0	11/16/16	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	1.701	0.566	1.601	—	pCi/L	Y	—	J-	2017-504	CASA-17-127271	ARSL
R-11	855.0	11/11/15	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	4.616	1.026	2.259	—	pCi/L	Y	—	NQ	2016-322	CASA-16-106240	ARSL
R-11	855.0	11/19/14	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	4.935	1.115	2.503	—	pCi/L	Y	—	NQ	2015-461	CASA-15-90249	ARSL
R-11	855.0	11/05/13	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	3.348	0.852	2.111	—	pCi/L	Y	—	J-	2014-2396	CASA-14-45704	ARSL
R-11	855.0	11/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.723	—	—	0.067	µg/L	Y	—	NQ	2018-828	CASA-18-147991	GELC
R-11	855.0	08/01/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.753	—	—	0.067	µg/L	Y	—	NQ	2017-2278	CASA-17-142006	GELC
R-11	855.0	05/05/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.7	—	—	0.067	µg/L	Y	—	NQ	2017-1490	CASA-17-132319	GELC
R-11	855.0	02/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.762	—	—	0.067	µg/L	Y	—	NQ	2017-1005	CASA-17-129323	GELC
R-11	855.0	02/09/17	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.769	—	—	0.067	µg/L	Y	—	NQ	2017-1005	CASA-17-129339	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-11	855.0	11/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.765	—	—	0.067	µg/L	Y	—	NQ	2017-498	CASA-17-127290	GELC
R-11	855.0	08/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.72	—	—	0.067	µg/L	Y	—	J	2016-1998	CASA-16-124340	GELC
R-11	855.0	05/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.754	—	—	0.067	µg/L	Y	—	NQ	2016-1222	CASA-16-115488	GELC
R-11	855.0	02/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.789	—	—	0.067	µg/L	Y	—	NQ	2016-704	CASA-16-110063	GELC
R-11	855.0	11/08/17	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.776	0.0415	0.106	—	pCi/L	Y	—	NQ	2018-828	CASA-18-147998	GELC
R-11	855.0	11/11/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.629	0.0405	0.0812	—	pCi/L	Y	—	NQ	2016-315	CASA-16-106240	GELC
R-11	855.0	11/19/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.596	0.0574	0.104	—	pCi/L	Y	—	NQ	2015-393	CASA-15-90249	GELC
R-11	855.0	11/05/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.516	0.039	0.0617	—	pCi/L	Y	—	J	2013-270	CASA-13-24209	GELC
R-11	855.0	08/17/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.556	0.0409	0.0735	—	pCi/L	Y	—	NQ	12-1508	CASA-12-21643	GELC
R-11	855.0	11/08/17	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0709	0.0164	0.0457	—	pCi/L	Y	—	NQ	2018-828	CASA-18-147998	GELC
R-11	855.0	11/11/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0184	0.0106	0.0708	—	pCi/L	Y	U	U	2016-315	CASA-16-106240	GELC
R-11	855.0	11/19/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0126	0.0126	0.0909	—	pCi/L	Y	U	U	2015-393	CASA-15-90249	GELC
R-11	855.0	11/05/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0132	0.0104	0.0385	—	pCi/L	Y	U	U	2013-270	CASA-13-24209	GELC
R-11	855.0	08/17/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0136	0.00833	0.0475	—	pCi/L	Y	U	U	12-1508	CASA-12-21643	GELC
R-11	855.0	11/08/17	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.297	0.0262	0.0619	—	pCi/L	Y	—	NQ	2018-828	CASA-18-147998	GELC
R-11	855.0	11/11/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.231	0.0245	0.0802	—	pCi/L	Y	—	NQ	2016-315	CASA-16-106240	GELC
R-11	855.0	11/19/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.163	0.033	0.0999	—	pCi/L	Y	—	NQ	2015-393	CASA-15-90249	GELC
R-11	855.0	11/05/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.218	0.0258	0.0419	—	pCi/L	Y	—	J	2013-270	CASA-13-24209	GELC
R-11	855.0	08/17/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.184	0.0229	0.0373	—	pCi/L	Y	—	NQ	12-1508	CASA-12-21643	GELC
R-11	855.0	11/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.96	—	—	1	µg/L	Y	—	NQ	2018-828	CASA-18-147991	GELC
R-11	855.0	08/01/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.52	—	—	1	µg/L	Y	—	NQ	2017-2278	CASA-17-142006	GELC
R-11	855.0	05/05/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.12	—	—	1	µg/L	Y	—	NQ	2017-1490	CASA-17-132319	GELC
R-11	855.0	02/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.17	—	—	1	µg/L	Y	—	NQ	2017-1005	CASA-17-129323	GELC
R-11	855.0	02/09/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.15	—	—	1	µg/L	Y	—	NQ	2017-1005	CASA-17-129339	GELC
R-11	855.0	11/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.26	—	—	1	µg/L	Y	—	NQ	2017-498	CASA-17-127290	GELC
R-11	855.0	08/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.97	—	—	1	µg/L	Y	—	NQ	2016-1998	CASA-16-124340	GELC
R-11	855.0	05/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.46	—	—	1	µg/L	Y	—	NQ	2016-1222	CASA-16-115488	GELC
R-11	855.0	02/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.04	—	—	1	µg/L	Y	—	NQ	2016-704	CASA-16-110063	GELC
R-11	855.0	05/05/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	3.64	—	—	3.3	µg/L	Y	J	J	2017-1490	CASA-17-132319	GELC
R-11	855.0	02/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2017-1005	CASA-17-129323	GELC
R-11	855.0	02/09/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2017-1005	CASA-17-129339	GELC
R-11	855.0	11/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2017-498	CASA-17-127290	GELC
R-11	855.0	08/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2016-1998	CASA-16-124340	GELC
R-11	855.0	05/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	4.02	—	—	3.3	µg/L	Y	J	J	2016-1222	CASA-16-115488	GELC
R-13	958.33	11/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.06	—	—	0.01	SU	Y	H	NQ	2018-827	CAMO-18-148057	GELC
R-13	958.33	08/03/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.27	—	—	0.01	SU	Y	H	NQ	2017-2339	CAMO-17-141974	GELC
R-13	958.33	05/16/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.37	—	—	0.01	SU	Y	H	NQ	2017-1541	CAMO-17-132202	GELC
R-13	958.33	02/10/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.27	—	—	0.01	SU	Y	H	NQ	2017-1005	CAMO-17-129291	GELC
R-13	958.33	11/07/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.25	—	—	0.01	SU	Y	H	NQ	2017-365	CAMO-17-127245	GELC
R-13	958.33	07/26/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.17	—	—	0.01	SU	Y	H	NQ	2016-1796	CAMO-16-124286	GELC
R-13	958.33	05/18/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.26	—	—	0.01	SU	Y	H	NQ	2016-1236	CAMO-16-115272	GELC
R-13	958.33	02/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.42	—	—	0.01	SU	Y	H	NQ	2016-763	CAMO-16-110035	GELC
R-13	958.33	11/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66.9	—	—	1.45	mg/L	Y	—	NQ	2018-827	CAMO-18-148057	GELC
R-13	958.33	08/03/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.4	—	—	1.45	mg/L	Y	—	NQ	2017-2339	CAMO-17-141974	GELC
R-13	958.33	05/16/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	75.4	—	—	1.45	mg/L	Y	—	NQ	2017-1541	CAMO-17-132202	GELC
R-13	958.33	02/10/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65	—	—	1.45	mg/L	Y	—	NQ	2017-1005	CAMO-17-129291	GELC
R-13	958.33	11/07/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.8	—	—	1.45	mg/L	Y	—	NQ	2017-365	CAMO-17-127245	GELC
R-13	958.33	07/26/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.3	—	—	1.45	mg/L	Y	—	NQ	2016-1796	CAMO-16-124286	GELC
R-13	958.33	05/18/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.4	—	—	0.725	mg/L	Y	—	NQ	2016-1236	CAMO-16-115272	GELC
R-13	958.33	02/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.8	—	—	0.725	mg/L	Y	—	NQ	2016-763	CAMO-16-110035	GELC
R-13	958.33	11/08/17	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00726	0.00873	0.0431	—	pCi/L	Y	U	U	2018-827	CAMO-18-148073	GELC
R-13	958.33	11/10/15	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.0122	0.0351	—	pCi/L	Y	U	U	2016-313	CAMO-16-106097	GELC
R-13	958.33	11/19/14	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.00849	0.0723	—	pCi/L	Y	U	U	2015-391	CAMO-15-90210	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-13	958.33	10/31/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0077	0.00574	0.0292	—	pCi/L	Y	U	U	2013-258	CAMO-13-24241	GELC
R-13	958.33	07/13/10	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00378	0.0026	0.034	—	pCi/L	Y	U	U	10-3667	CAMO-10-22848	GELC
R-13	958.33	11/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0602	—	—	0.017	mg/L	Y	—	NQ	2018-827	CAMO-18-148057	GELC
R-13	958.33	05/16/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.178	—	—	0.017	mg/L	Y	—	J	2017-1541	CAMO-17-132202	GELC
R-13	958.33	02/10/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0283	—	—	0.017	mg/L	Y	J	J	2017-1005	CAMO-17-129291	GELC
R-13	958.33	11/07/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0732	—	—	0.017	mg/L	Y	—	U	2017-365	CAMO-17-127245	GELC
R-13	958.33	07/26/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0473	—	—	0.017	mg/L	Y	J	J	2016-1796	CAMO-16-124286	GELC
R-13	958.33	05/18/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.017	mg/L	Y	U	U	2016-1236	CAMO-16-115272	GELC
R-13	958.33	02/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0746	—	—	0.017	mg/L	Y	—	J-	2016-763	CAMO-16-110035	GELC
R-13	958.33	02/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.09	—	—	1.7	µg/L	Y	J	J	2017-1005	CAMO-17-129291	GELC
R-13	958.33	11/07/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	1.87	—	—	1.7	µg/L	Y	J	J	2017-365	CAMO-17-127245	GELC
R-13	958.33	07/26/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	1.99	—	—	1.7	µg/L	Y	J	J	2016-1796	CAMO-16-124286	GELC
R-13	958.33	05/18/16	WG	F	RE	REG	INORGANIC	SW-846:6020	Arsenic	As	N	2.37	—	—	1.7	µg/L	Y	J	U	2016-1236	CAMO-16-115272	GELC
R-13	958.33	05/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2016-1236	CAMO-16-115272	GELC
R-13	958.33	02/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2016-763	CAMO-16-110035	GELC
R-13	958.33	11/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	39.3	—	—	1	µg/L	Y	—	NQ	2018-827	CAMO-18-148057	GELC
R-13	958.33	08/03/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	24.7	—	—	1	µg/L	Y	—	NQ	2017-2339	CAMO-17-141974	GELC
R-13	958.33	05/16/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	26.4	—	—	1	µg/L	Y	—	NQ	2017-1541	CAMO-17-132202	GELC
R-13	958.33	02/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	24.3	—	—	1	µg/L	Y	—	NQ	2017-1005	CAMO-17-129291	GELC
R-13	958.33	11/07/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	25.2	—	—	1	µg/L	Y	—	NQ	2017-365	CAMO-17-127245	GELC
R-13	958.33	07/26/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	25.1	—	—	1	µg/L	Y	—	NQ	2016-1796	CAMO-16-124286	GELC
R-13	958.33	05/18/16	WG	F	RE	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	23.8	—	—	1	µg/L	Y	—	NQ	2016-1236	CAMO-16-115272	GELC
R-13	958.33	05/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	24.5	—	—	1	µg/L	Y	—	NQ	2016-1236	CAMO-16-115272	GELC
R-13	958.33	02/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	25.5	—	—	1	µg/L	Y	—	NQ	2016-763	CAMO-16-110035	GELC
R-13	958.33	11/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	25.1	—	—	15	µg/L	Y	J	J	2018-827	CAMO-18-148057	GELC
R-13	958.33	08/03/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	2017-2339	CAMO-17-141974	GELC
R-13	958.33	05/16/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	50	—	—	15	µg/L	Y	U	U	2017-1541	CAMO-17-132202	GELC
R-13	958.33	02/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	50	—	—	15	µg/L	Y	U	U	2017-1005	CAMO-17-129291	GELC
R-13	958.33	11/07/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	50	—	—	15	µg/L	Y	U	U	2017-365	CAMO-17-127245	GELC
R-13	958.33	11/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	22.3	—	—	0.05	mg/L	Y	—	J+	2018-827	CAMO-18-148057	GELC
R-13	958.33	08/03/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	14.1	—	—	0.05	mg/L	Y	—	NQ	2017-2339	CAMO-17-141974	GELC
R-13	958.33	05/16/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	14.6	—	—	0.05	mg/L	Y	—	NQ	2017-1541	CAMO-17-132202	GELC
R-13	958.33	02/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	13	—	—	0.05	mg/L	Y	—	NQ	2017-1005	CAMO-17-129291	GELC
R-13	958.33	11/07/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	13.9	—	—	0.05	mg/L	Y	—	NQ	2017-365	CAMO-17-127245	GELC
R-13	958.33	07/26/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	13.7	—	—	0.05	mg/L	Y	—	NQ	2016-1796	CAMO-16-124286	GELC
R-13	958.33	05/18/16	WG	F	RE	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	14.2	—	—	0.05	mg/L	Y	—	NQ	2016-1236	CAMO-16-115272	GELC
R-13	958.33	05/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.4	—	—	0.05	mg/L	Y	—	NQ	2016-1236	CAMO-16-115272	GELC
R-13	958.33	02/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	13.9	—	—	0.05	mg/L	Y	—	NQ	2016-763	CAMO-16-110035	GELC
R-13	958.33	11/08/17	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.08	1.02	4.16	—	pCi/L	Y	U	U	2018-827	CAMO-18-148073	GELC
R-13	958.33	11/10/15	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	4.56	2.23	4.78	—	pCi/L	Y	U	U	2016-313	CAMO-16-106097	GELC
R-13	958.33	11/19/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	3.06	2.21	8.47	—	pCi/L	Y	U	U	2015-391	CAMO-15-90210	GELC
R-13	958.33	10/31/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.91	1.31	4.23	—	pCi/L	Y	U	U	2013-258	CAMO-13-24241	GELC
R-13	958.33	07/13/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.04	1.9	6.5	—	pCi/L	Y	U	U	10-3667	CAMO-10-22848	GELC
R-13	958.33	11/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.39	—	—	0.067	mg/L	Y	—	NQ	2018-827	CAMO-18-148057	GELC
R-13	958.33	08/03/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.44	—	—	0.067	mg/L	Y	—	NQ	2017-2339	CAMO-17-141974	GELC
R-13	958.33	05/16/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.68	—	—	0.067	mg/L	Y	—	NQ	2017-1541	CAMO-17-132202	GELC
R-13	958.33	02/10/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.49	—	—	0.067	mg/L	Y	—	NQ	2017-1005	CAMO-17-129291	GELC
R-13	958.33	11/07/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.46	—	—	0.067	mg/L	Y	—	NQ	2017-365	CAMO-17-127245	GELC
R-13	958.33	07/26/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.4	—	—	0.067	mg/L	Y	—	NQ	2016-1796	CAMO-16-124286	GELC
R-13	958.33	05/18/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.39	—	—	0.067	mg/L	Y	—	NQ	2016-1236	CAMO-16-115272	GELC
R-13	958.33	02/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.39	—	—	0.067	mg/L	Y	—	NQ	2016-763	CAMO-16-110035	GELC
R-13	958.33	11/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.65	—	—	3	µg/L	Y	J	J	2018-827	CAMO-18-148057	GELC
R-13	958.33	08/03/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.7	—	—	3	µg/L	Y	J	J	2017-2339	CAMO-17-141974	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-13	958.33	05/16/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.12	—	—	3	µg/L	Y	J	J	2017-1541	CAMO-17-132202	GELC
R-13	958.33	02/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.34	—	—	3	µg/L	Y	J	J	2017-1005	CAMO-17-129291	GELC
R-13	958.33	11/07/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.17	—	—	3	µg/L	Y	J	J	2017-365	CAMO-17-127245	GELC
R-13	958.33	07/26/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2	—	—	2	µg/L	Y	J	J	2016-1796	CAMO-16-124286	GELC
R-13	958.33	05/18/16	WG	F	RE	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.01	—	—	2	µg/L	Y	J	J	2016-1236	CAMO-16-115272	GELC
R-13	958.33	05/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	8.28	—	—	2	µg/L	Y	J	U	2016-1236	CAMO-16-115272	GELC
R-13	958.33	02/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	6.25	—	—	2	µg/L	Y	J	U	2016-763	CAMO-16-110035	GELC
R-13	958.33	11/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	Y	1.26	—	—	1	µg/L	Y	J	J	2018-827	CAMO-18-148057	GELC
R-13	958.33	08/03/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	2017-2339	CAMO-17-141974	GELC
R-13	958.33	05/16/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	5	—	—	1	µg/L	Y	U	U	2017-1541	CAMO-17-132202	GELC
R-13	958.33	02/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	5	—	—	1	µg/L	Y	U	U	2017-1005	CAMO-17-129291	GELC
R-13	958.33	11/07/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	5	—	—	1	µg/L	Y	U	U	2017-365	CAMO-17-127245	GELC
R-13	958.33	11/08/17	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.289	1.08	4.47	—	pCi/L	Y	U	U	2018-827	CAMO-18-148073	GELC
R-13	958.33	11/10/15	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.435	1.04	4.29	—	pCi/L	Y	U	U	2016-313	CAMO-16-106097	GELC
R-13	958.33	11/19/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.22	1.91	8.05	—	pCi/L	Y	U	U	2015-391	CAMO-15-90210	GELC
R-13	958.33	10/31/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.158	1.1	4.07	—	pCi/L	Y	U	U	2013-258	CAMO-13-24241	GELC
R-13	958.33	07/13/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.51	1.7	5.8	—	pCi/L	Y	U	U	10-3667	CAMO-10-22848	GELC
R-13	958.33	11/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.228	—	—	0.033	mg/L	Y	—	NQ	2018-827	CAMO-18-148057	GELC
R-13	958.33	08/03/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.213	—	—	0.033	mg/L	Y	—	NQ	2017-2339	CAMO-17-141974	GELC
R-13	958.33	05/16/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.274	—	—	0.033	mg/L	Y	—	NQ	2017-1541	CAMO-17-132202	GELC
R-13	958.33	02/10/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.233	—	—	0.033	mg/L	Y	—	NQ	2017-1005	CAMO-17-129291	GELC
R-13	958.33	11/07/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.227	—	—	0.033	mg/L	Y	—	NQ	2017-365	CAMO-17-127245	GELC
R-13	958.33	07/26/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.229	—	—	0.033	mg/L	Y	—	NQ	2016-1796	CAMO-16-124286	GELC
R-13	958.33	05/18/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.219	—	—	0.033	mg/L	Y	—	NQ	2016-1236	CAMO-16-115272	GELC
R-13	958.33	02/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.232	—	—	0.033	mg/L	Y	—	NQ	2016-763	CAMO-16-110035	GELC
R-13	958.33	11/08/17	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.406	0.558	2.13	—	pCi/L	Y	U	U	2018-827	CAMO-18-148073	GELC
R-13	958.33	11/10/15	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.999	0.558	2.86	—	pCi/L	Y	U	U	2016-313	CAMO-16-106097	GELC
R-13	958.33	11/19/14	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.308	0.688	2.83	—	pCi/L	Y	U	U	2015-391	CAMO-15-90210	GELC
R-13	958.33	10/31/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.631	0.7	2.6	—	pCi/L	Y	U	U	2013-258	CAMO-13-24241	GELC
R-13	958.33	07/13/10	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.747	0.62	2.2	—	pCi/L	Y	U	U	10-3667	CAMO-10-22848	GELC
R-13	958.33	11/08/17	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.53	0.849	2.78	—	pCi/L	Y	U	U	2018-827	CAMO-18-148073	GELC
R-13	958.33	11/10/15	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.63	0.874	2.85	—	pCi/L	Y	U	U	2016-313	CAMO-16-106097	GELC
R-13	958.33	11/19/14	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.05	0.654	2.15	—	pCi/L	Y	U	U	2015-391	CAMO-15-90210	GELC
R-13	958.33	10/31/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	-0.196	0.775	2.87	—	pCi/L	Y	U	U	2013-258	CAMO-13-24241	GELC
R-13	958.33	07/13/10	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.62	0.88	2.8	—	pCi/L	Y	U	U	10-3667	CAMO-10-22848	GELC
R-13	958.33	11/08/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	80.5	—	—	0.453	mg/L	Y	—	NQ	2018-827	CAMO-18-148057	GELC
R-13	958.33	08/03/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	49.7	—	—	0.453	mg/L	Y	—	NQ	2017-2339	CAMO-17-141974	GELC
R-13	958.33	05/16/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	51.6	—	—	0.453	mg/L	Y	—	NQ	2017-1541	CAMO-17-132202	GELC
R-13	958.33	02/10/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	46	—	—	0.453	mg/L	Y	—	NQ	2017-1005	CAMO-17-129291	GELC
R-13	958.33	11/07/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	48.8	—	—	0.453	mg/L	Y	—	NQ	2017-365	CAMO-17-127245	GELC
R-13	958.33	07/26/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	47.8	—	—	0.453	mg/L	Y	—	NQ	2016-1796	CAMO-16-124286	GELC
R-13	958.33	05/18/16	WG	F	RE	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	49.4	—	—	0.453	mg/L	Y	—	NQ	2016-1236	CAMO-16-115272	GELC
R-13	958.33	05/18/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	35.4	—	—	0.453	mg/L	Y	—	NQ	2016-1236	CAMO-16-115272	GELC
R-13	958.33	02/17/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	49	—	—	0.453	mg/L	Y	—	NQ	2016-763	CAMO-16-110035	GELC
R-13	958.33	11/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.01	—	—	0.11	mg/L	Y	—	NQ	2018-827	CAMO-18-148057	GELC
R-13	958.33	08/03/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.5	—	—	0.11	mg/L	Y	—	NQ	2017-2339	CAMO-17-141974	GELC
R-13	958.33	05/16/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.68	—	—	0.11	mg/L	Y	—	NQ	2017-1541	CAMO-17-132202	GELC
R-13	958.33	02/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.3	—	—	0.11	mg/L	Y	—	NQ	2017-1005	CAMO-17-129291	GELC
R-13	958.33	11/07/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.43	—	—	0.11	mg/L	Y	—	NQ	2017-365	CAMO-17-127245	GELC
R-13	958.33	07/26/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.33	—	—	0.11	mg/L	Y	—	NQ	2016-1796	CAMO-16-124286	GELC
R-13	958.33	05/18/16	WG	F	RE	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.39	—	—	0.11	mg/L	Y	—	NQ	2016-1236	CAMO-16-115272	GELC
R-13	958.33	05/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	1.7	—	—	0.11	mg/L	Y	—	NQ	2016-1236	CAMO-16-115272	GELC
R-13	958.33	02/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.48	—	—	0.11	mg/L	Y	—	NQ	2016-763	CAMO-16-110035	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-13	958.33	05/16/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.17	—	—	0.2	µg/L	Y	—	NQ	2017-1541	CAMO-17-132202	GELC
R-13	958.33	02/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.03	—	—	0.3	µg/L	Y	—	NQ	2017-1005	CAMO-17-129291	GELC
R-13	958.33	11/07/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.07	—	—	0.3	µg/L	Y	—	NQ	2017-365	CAMO-17-127245	GELC
R-13	958.33	07/26/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.08	—	—	0.165	µg/L	Y	—	NQ	2016-1796	CAMO-16-124286	GELC
R-13	958.33	05/18/16	WG	F	RE	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.2	—	—	0.165	µg/L	Y	—	NQ	2016-1236	CAMO-16-115272	GELC
R-13	958.33	05/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.85	—	—	0.165	µg/L	Y	—	NQ	2016-1236	CAMO-16-115272	GELC
R-13	958.33	02/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.2	—	—	0.165	µg/L	Y	—	NQ	2016-763	CAMO-16-110035	GELC
R-13	958.33	11/08/17	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.82	1.87	6.89	—	pCi/L	Y	U	U	2018-827	CAMO-18-148073	GELC
R-13	958.33	11/10/15	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.853	3.14	10.8	—	pCi/L	Y	U	U	2016-313	CAMO-16-106097	GELC
R-13	958.33	11/19/14	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	6.22	3.46	13.3	—	pCi/L	Y	U	U	2015-391	CAMO-15-90210	GELC
R-13	958.33	10/31/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.1	2.19	7.66	—	pCi/L	Y	U	U	2013-258	CAMO-13-24241	GELC
R-13	958.33	07/13/10	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.31	2.9	9.7	—	pCi/L	Y	U	U	10-3667	CAMO-10-22848	GELC
R-13	958.33	11/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.736	—	—	0.017	mg/L	Y	—	NQ	2018-827	CAMO-18-148057	GELC
R-13	958.33	08/03/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.67	—	—	0.085	mg/L	Y	—	NQ	2017-2339	CAMO-17-141974	GELC
R-13	958.33	05/16/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.734	—	—	0.017	mg/L	Y	—	NQ	2017-1541	CAMO-17-132202	GELC
R-13	958.33	02/10/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.709	—	—	0.017	mg/L	Y	—	NQ	2017-1005	CAMO-17-129291	GELC
R-13	958.33	11/07/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.744	—	—	0.017	mg/L	Y	—	NQ	2017-365	CAMO-17-127245	GELC
R-13	958.33	07/26/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.702	—	—	0.017	mg/L	Y	—	NQ	2016-1796	CAMO-16-124286	GELC
R-13	958.33	05/18/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.754	—	—	0.017	mg/L	Y	—	NQ	2016-1236	CAMO-16-115272	GELC
R-13	958.33	02/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.771	—	—	0.017	mg/L	Y	—	NQ	2016-763	CAMO-16-110035	GELC
R-13	958.33	11/08/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.396	—	—	0.05	µg/L	Y	—	J	2018-827	CAMO-18-148057	GELC
R-13	958.33	08/03/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.447	—	—	0.05	µg/L	Y	—	NQ	2017-2339	CAMO-17-141974	GELC
R-13	958.33	05/16/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.418	—	—	0.05	µg/L	Y	—	NQ	2017-1541	CAMO-17-132202	GELC
R-13	958.33	02/10/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.422	—	—	0.05	µg/L	Y	—	NQ	2017-1005	CAMO-17-129291	GELC
R-13	958.33	11/07/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.4	—	—	0.05	µg/L	Y	—	NQ	2017-365	CAMO-17-127245	GELC
R-13	958.33	07/26/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.38	—	—	0.05	µg/L	Y	—	NQ	2016-1796	CAMO-16-124286	GELC
R-13	958.33	05/18/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.406	—	—	0.05	µg/L	Y	—	NQ	2016-1236	CAMO-16-115272	GELC
R-13	958.33	11/10/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.419	—	—	0.05	µg/L	Y	—	NQ	2016-313	CAMO-16-106118	GELC
R-13	958.33	11/08/17	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0165	0.00871	0.0406	—	pCi/L	Y	U	U	2018-827	CAMO-18-148073	GELC
R-13	958.33	11/10/15	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00995	0.0061	0.0291	—	pCi/L	Y	U	U	2016-313	CAMO-16-106097	GELC
R-13	958.33	11/19/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00483	0.00483	0.0324	—	pCi/L	Y	U	U	2015-391	CAMO-15-90210	GELC
R-13	958.33	10/31/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.00728	0.035	—	pCi/L	Y	U	U	2013-258	CAMO-13-24241	GELC
R-13	958.33	07/13/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0113	0.0068	0.03	—	pCi/L	Y	U	U	10-3667	CAMO-10-22848	GELC
R-13	958.33	11/08/17	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00275	0.00729	0.0581	—	pCi/L	Y	U	U	2018-827	CAMO-18-148073	GELC
R-13	958.33	11/10/15	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00746	0.00825	0.0559	—	pCi/L	Y	U	U	2016-313	CAMO-16-106097	GELC
R-13	958.33	11/19/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00241	0.008	0.0477	—	pCi/L	Y	U	U	2015-391	CAMO-15-90210	GELC
R-13	958.33	10/31/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00364	0.00814	0.0581	—	pCi/L	Y	U	U	2013-258	CAMO-13-24241	GELC
R-13	958.33	07/13/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0136	0.012	0.031	—	pCi/L	Y	U	U	10-3667	CAMO-10-22848	GELC
R-13	958.33	11/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.42	—	—	0.05	mg/L	Y	—	NQ	2018-827	CAMO-18-148057	GELC
R-13	958.33	08/03/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.25	—	—	0.05	mg/L	Y	—	NQ	2017-2339	CAMO-17-141974	GELC
R-13	958.33	05/16/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.36	—	—	0.05	mg/L	Y	—	NQ	2017-1541	CAMO-17-132202	GELC
R-13	958.33	02/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.16	—	—	0.05	mg/L	Y	—	NQ	2017-1005	CAMO-17-129291	GELC
R-13	958.33	11/07/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.33	—	—	0.05	mg/L	Y	—	NQ	2017-365	CAMO-17-127245	GELC
R-13	958.33	07/26/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.24	—	—	0.05	mg/L	Y	—	NQ	2016-1796	CAMO-16-124286	GELC
R-13	958.33	05/18/16	WG	F	RE	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.44	—	—	0.05	mg/L	Y	—	NQ	2016-1236	CAMO-16-115272	GELC
R-13	958.33	05/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	21	—	—	0.05	mg/L	Y	—	NQ	2016-1236	CAMO-16-115272	GELC
R-13	958.33	02/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.3	—	—	0.05	mg/L	Y	—	NQ	2016-763	CAMO-16-110035	GELC
R-13	958.33	11/08/17	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-7.08	13.6	57.1	—	pCi/L	Y	U	U	2018-827	CAMO-18-148073	GELC
R-13	958.33	11/10/15	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-15.9	16.3	59.6	—	pCi/L	Y	U	U	2016-313	CAMO-16-106097	GELC
R-13	958.33	11/19/14	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-16	23.4	86.8	—	pCi/L	Y	U	U	2015-391	CAMO-15-90210	GELC
R-13	958.33	10/31/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	21.5	14.9	58.3	—	pCi/L	Y	U	U	2013-258	CAMO-13-24241	GELC
R-13	958.33	07/13/10	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	1.51	20	71	—	pCi/L	Y	U	U	10-3667	CAMO-10-22848	GELC
R-13	958.33	11/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	70	—	—	0.053	mg/L	Y	—	NQ	2018-827	CAMO-18-148057	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-13	958.33	08/03/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	64.9	—	—	0.053	mg/L	Y	—	NQ	2017-2339	CAMO-17-141974	GELC
R-13	958.33	05/16/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.1	—	—	0.053	mg/L	Y	—	NQ	2017-1541	CAMO-17-132202	GELC
R-13	958.33	02/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	63.9	—	—	0.053	mg/L	Y	—	NQ	2017-1005	CAMO-17-129291	GELC
R-13	958.33	11/07/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.3	—	—	0.053	mg/L	Y	—	NQ	2017-365	CAMO-17-127245	GELC
R-13	958.33	07/26/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	71	—	—	0.053	mg/L	Y	—	NQ	2016-1796	CAMO-16-124286	GELC
R-13	958.33	05/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	7.16	—	—	0.053	mg/L	Y	—	NQ	2016-1236	CAMO-16-115272	GELC
R-13	958.33	02/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.9	—	—	0.053	mg/L	Y	—	NQ	2016-763	CAMO-16-110035	GELC
R-13	958.33	11/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.4	—	—	0.1	mg/L	Y	—	NQ	2018-827	CAMO-18-148057	GELC
R-13	958.33	08/03/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.2	—	—	0.1	mg/L	Y	—	NQ	2017-2339	CAMO-17-141974	GELC
R-13	958.33	05/16/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11	—	—	0.1	mg/L	Y	—	NQ	2017-1541	CAMO-17-132202	GELC
R-13	958.33	02/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10	—	—	0.1	mg/L	Y	E	NQ	2017-1005	CAMO-17-129291	GELC
R-13	958.33	11/07/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.38	—	—	0.1	mg/L	Y	E	NQ	2017-365	CAMO-17-127245	GELC
R-13	958.33	07/26/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10	—	—	0.1	mg/L	Y	EN	J-	2016-1796	CAMO-16-124286	GELC
R-13	958.33	05/18/16	WG	F	RE	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.6	—	—	0.1	mg/L	Y	—	NQ	2016-1236	CAMO-16-115272	GELC
R-13	958.33	05/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	77.7	—	—	0.1	mg/L	Y	—	NQ	2016-1236	CAMO-16-115272	GELC
R-13	958.33	02/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.1	—	—	0.1	mg/L	Y	—	NQ	2016-763	CAMO-16-110035	GELC
R-13	958.33	11/08/17	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.0532	1.07	4.32	—	pCi/L	Y	U	U	2018-827	CAMO-18-148073	GELC
R-13	958.33	11/10/15	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.717	1.31	5.19	—	pCi/L	Y	U	U	2016-313	CAMO-16-106097	GELC
R-13	958.33	11/19/14	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.813	2.09	7.88	—	pCi/L	Y	U	U	2015-391	CAMO-15-90210	GELC
R-13	958.33	10/31/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.961	1.14	3.85	—	pCi/L	Y	U	U	2013-258	CAMO-13-24241	GELC
R-13	958.33	07/13/10	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.349	1.7	5.7	—	pCi/L	Y	U	U	10-3667	CAMO-10-22848	GELC
R-13	958.33	11/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	149	—	—	1	µS/cm	Y	—	NQ	2018-827	CAMO-18-148057	GELC
R-13	958.33	08/03/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	151	—	—	1	µS/cm	Y	—	NQ	2017-2339	CAMO-17-141974	GELC
R-13	958.33	05/16/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	129	—	—	1	µS/cm	Y	—	NQ	2017-1541	CAMO-17-132202	GELC
R-13	958.33	02/10/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	141	—	—	1	µS/cm	Y	—	NQ	2017-1005	CAMO-17-129291	GELC
R-13	958.33	11/07/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	146	—	—	1	µS/cm	Y	—	NQ	2017-365	CAMO-17-127245	GELC
R-13	958.33	07/26/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	133	—	—	3.63	µS/cm	Y	—	NQ	2016-1796	CAMO-16-124286	GELC
R-13	958.33	05/18/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	136	—	—	3.63	µS/cm	Y	—	NQ	2016-1236	CAMO-16-115272	GELC
R-13	958.33	02/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	159	—	—	1	µS/cm	Y	—	NQ	2016-763	CAMO-16-110035	GELC
R-13	958.33	11/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	89.8	—	—	1	µg/L	Y	—	NQ	2018-827	CAMO-18-148057	GELC
R-13	958.33	08/03/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	50.8	—	—	1	µg/L	Y	—	NQ	2017-2339	CAMO-17-141974	GELC
R-13	958.33	05/16/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	56.4	—	—	1	µg/L	Y	—	NQ	2017-1541	CAMO-17-132202	GELC
R-13	958.33	02/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	47.7	—	—	1	µg/L	Y	—	NQ	2017-1005	CAMO-17-129291	GELC
R-13	958.33	11/07/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	55.2	—	—	1	µg/L	Y	—	NQ	2017-365	CAMO-17-127245	GELC
R-13	958.33	07/26/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	53.6	—	—	1	µg/L	Y	—	NQ	2016-1796	CAMO-16-124286	GELC
R-13	958.33	05/18/16	WG	F	RE	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	51	—	—	1	µg/L	Y	—	NQ	2016-1236	CAMO-16-115272	GELC
R-13	958.33	05/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	61.8	—	—	1	µg/L	Y	—	NQ	2016-1236	CAMO-16-115272	GELC
R-13	958.33	02/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	49	—	—	1	µg/L	Y	—	NQ	2016-763	CAMO-16-110035	GELC
R-13	958.33	11/08/17	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0581	0.123	0.444	—	pCi/L	Y	U	U	2018-827	CAMO-18-148073	GELC
R-13	958.33	11/10/15	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.209	0.143	0.479	—	pCi/L	Y	U	U	2016-313	CAMO-16-106097	GELC
R-13	958.33	11/19/14	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0689	0.108	0.417	—	pCi/L	Y	U	U	2015-391	CAMO-15-90210	GELC
R-13	958.33	10/31/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.224	0.147	0.489	—	pCi/L	Y	U	U	2013-258	CAMO-13-24241	GELC
R-13	958.33	07/13/10	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0338	0.14	0.49	—	pCi/L	Y	U	U	10-3667	CAMO-10-22848	GELC
R-13	958.33	11/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.19	—	—	0.133	mg/L	Y	—	NQ	2018-827	CAMO-18-148057	GELC
R-13	958.33	08/03/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.38	—	—	0.133	mg/L	Y	—	NQ	2017-2339	CAMO-17-141974	GELC
R-13	958.33	05/16/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.63	—	—	0.133	mg/L	Y	—	NQ	2017-1541	CAMO-17-132202	GELC
R-13	958.33	02/10/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.23	—	—	0.133	mg/L	Y	—	NQ	2017-1005	CAMO-17-129291	GELC
R-13	958.33	11/07/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.43	—	—	0.133	mg/L	Y	—	NQ	2017-365	CAMO-17-127245	GELC
R-13	958.33	07/26/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.19	—	—	0.133	mg/L	Y	—	NQ	2016-1796	CAMO-16-124286	GELC
R-13	958.33	05/18/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.31	—	—	0.133	mg/L	Y	—	NQ	2016-1236	CAMO-16-115272	GELC
R-13	958.33	02/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.16	—	—	0.133	mg/L	Y	—	NQ	2016-763	CAMO-16-110035	GELC
R-13	958.33	11/08/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-827	CAMO-18-148057	GELC
R-13	958.33	11/08/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-827	CAMO-18-148073	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-13	958.33	08/03/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	5	—	—	—	deg C	Y	—	NQ	2017-2339	CAMO-17-141990	GELC
R-13	958.33	08/03/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	5	—	—	—	deg C	Y	—	NQ	2017-2339	CAMO-17-141974	GELC
R-13	958.33	05/16/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	2017-1541	CAMO-17-132202	GELC
R-13	958.33	05/16/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	2017-1541	CAMO-17-132222	GELC
R-13	958.33	11/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	144	—	—	3.4	mg/L	Y	—	NQ	2018-827	CAMO-18-148057	GELC
R-13	958.33	08/03/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	144	—	—	3.4	mg/L	Y	—	NQ	2017-2339	CAMO-17-141974	GELC
R-13	958.33	05/16/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	147	—	—	3.4	mg/L	Y	—	NQ	2017-1541	CAMO-17-132202	GELC
R-13	958.33	02/10/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	133	—	—	3.4	mg/L	Y	—	NQ	2017-1005	CAMO-17-129291	GELC
R-13	958.33	11/07/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	70	—	—	3.4	mg/L	Y	—	J	2017-365	CAMO-17-127245	GELC
R-13	958.33	07/26/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	147	—	—	3.4	mg/L	Y	—	NQ	2016-1796	CAMO-16-124286	GELC
R-13	958.33	05/18/16	WG	F	RE	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	144	—	—	3.4	mg/L	N	H	NQ	2016-1236	CAMO-16-115272	GELC
R-13	958.33	05/18/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	159	—	—	3.4	mg/L	Y	—	NQ	2016-1236	CAMO-16-115272	GELC
R-13	958.33	02/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	671	—	—	3.4	mg/L	Y	—	J	2016-763	CAMO-16-110035	GELC
R-13	958.33	02/10/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0564	—	—	0.033	mg/L	Y	J	J	2017-1005	CAMO-17-129307	GELC
R-13	958.33	11/07/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0874	—	—	0.033	mg/L	Y	J	J-	2017-365	CAMO-17-127225	GELC
R-13	958.33	07/26/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2016-1796	CAMO-16-124262	GELC
R-13	958.33	05/18/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2016-1236	CAMO-16-115249	GELC
R-13	958.33	02/17/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	UJ	2016-763	CAMO-16-110017	GELC
R-13	958.33	11/08/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.345	—	—	0.33	mg/L	Y	J	J	2018-827	CAMO-18-148073	GELC
R-13	958.33	08/03/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.383	—	—	0.33	mg/L	Y	J	J	2017-2339	CAMO-17-141990	GELC
R-13	958.33	05/16/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	1	—	—	0.33	mg/L	Y	U	U	2017-1541	CAMO-17-132222	GELC
R-13	958.33	02/10/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	1	—	—	0.33	mg/L	Y	U	U	2017-1005	CAMO-17-129307	GELC
R-13	958.33	11/07/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	1	—	—	0.33	mg/L	Y	U	U	2017-365	CAMO-17-127225	GELC
R-13	958.33	07/26/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	1	—	—	0.33	mg/L	Y	U	U	2016-1796	CAMO-16-124262	GELC
R-13	958.33	11/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0751	—	—	0.02	mg/L	Y	—	NQ	2018-827	CAMO-18-148057	GELC
R-13	958.33	05/16/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0375	—	—	0.02	mg/L	Y	J	J	2017-1541	CAMO-17-132202	GELC
R-13	958.33	02/10/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0406	—	—	0.02	mg/L	Y	J	J	2017-1005	CAMO-17-129291	GELC
R-13	958.33	11/07/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.05	—	—	0.02	mg/L	Y	U	U	2017-365	CAMO-17-127245	GELC
R-13	958.33	07/26/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0353	—	—	0.02	mg/L	Y	J	J	2016-1796	CAMO-16-124286	GELC
R-13	958.33	05/18/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0332	—	—	0.02	mg/L	Y	J	J	2016-1236	CAMO-16-115272	GELC
R-13	958.33	02/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0489	—	—	0.017	mg/L	Y	J	J	2016-763	CAMO-16-110035	GELC
R-13	958.33	11/08/17	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.159	0.677	2.145	—	pCi/L	Y	U	U	2018-835	CAMO-18-148073	ARSL
R-13	958.33	11/07/16	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-2.025	0.663	2.156	—	pCi/L	Y	U	U	2017-400	CAMO-17-127225	ARSL
R-13	958.33	11/10/15	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.283	0.669	2.296	—	pCi/L	Y	U	U	2016-321	CAMO-16-106097	ARSL
R-13	958.33	11/19/14	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.288	0.692	2.333	—	pCi/L	Y	U	U	2015-459	CAMO-15-90210	ARSL
R-13	958.33	11/08/13	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.843	0.548	1.754	—	pCi/L	Y	U	U	2014-2451	CAMO-14-45746	ARSL
R-13	958.33	11/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.376	—	—	0.067	µg/L	Y	—	NQ	2018-827	CAMO-18-148057	GELC
R-13	958.33	08/03/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.382	—	—	0.067	µg/L	Y	—	NQ	2017-2339	CAMO-17-141974	GELC
R-13	958.33	05/16/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.412	—	—	0.067	µg/L	Y	—	NQ	2017-1541	CAMO-17-132202	GELC
R-13	958.33	02/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.436	—	—	0.067	µg/L	Y	—	NQ	2017-1005	CAMO-17-129291	GELC
R-13	958.33	11/07/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.408	—	—	0.067	µg/L	Y	—	NQ	2017-365	CAMO-17-127245	GELC
R-13	958.33	07/26/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.418	—	—	0.067	µg/L	Y	—	NQ	2016-1796	CAMO-16-124286	GELC
R-13	958.33	05/18/16	WG	F	RE	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.367	—	—	0.067	µg/L	Y	—	NQ	2016-1236	CAMO-16-115272	GELC
R-13	958.33	05/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.121	—	—	0.067	µg/L	Y	J	J	2016-1236	CAMO-16-115272	GELC
R-13	958.33	02/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.41	—	—	0.067	µg/L	Y	—	NQ	2016-763	CAMO-16-110035	GELC
R-13	958.33	11/08/17	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.398	0.0317	0.119	—	pCi/L	Y	—	NQ	2018-827	CAMO-18-148073	GELC
R-13	958.33	11/10/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.237	0.0277	0.0942	—	pCi/L	Y	—	NQ	2016-313	CAMO-16-106097	GELC
R-13	958.33	11/19/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.333	0.046	0.112	—	pCi/L	Y	—	NQ	2015-391	CAMO-15-90210	GELC
R-13	958.33	10/31/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.241	0.0361	0.0919	—	pCi/L	Y	—	NQ	2013-258	CAMO-13-24241	GELC
R-13	958.33	07/13/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.291	0.034	0.065	—	pCi/L	Y	—	NQ	10-3667	CAMO-10-22848	GELC
R-13	958.33	11/08/17	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0736	0.0159	0.0513	—	pCi/L	Y	—	NQ	2018-827	CAMO-18-148073	GELC
R-13	958.33	11/10/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0214	0.0113	0.0822	—	pCi/L	Y	U	U	2016-313	CAMO-16-106097	GELC
R-13	958.33	11/19/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00675	0.0151	0.0974	—	pCi/L	Y	U	U	2015-391	CAMO-15-90210	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-13	958.33	10/31/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0196	0.012	0.0573	—	pCi/L	Y	U	U	2013-258	CAMO-13-24241	GELC
R-13	958.33	07/13/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0125	0.0063	0.039	—	pCi/L	Y	U	U	10-3667	CAMO-10-22848	GELC
R-13	958.33	11/08/17	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.193	0.023	0.0694	—	pCi/L	Y	—	NQ	2018-827	CAMO-18-148073	GELC
R-13	958.33	11/10/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.141	0.0206	0.0931	—	pCi/L	Y	—	NQ	2016-313	CAMO-16-106097	GELC
R-13	958.33	11/19/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0928	0.0273	0.107	—	pCi/L	Y	U	U	2015-391	CAMO-15-90210	GELC
R-13	958.33	10/31/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.139	0.026	0.0624	—	pCi/L	Y	—	NQ	2013-258	CAMO-13-24241	GELC
R-13	958.33	07/13/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.106	0.019	0.045	—	pCi/L	Y	—	NQ	10-3667	CAMO-10-22848	GELC
R-13	958.33	11/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.78	—	—	1	µg/L	Y	—	NQ	2018-827	CAMO-18-148057	GELC
R-13	958.33	08/03/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.52	—	—	1	µg/L	Y	J	J	2017-2339	CAMO-17-141974	GELC
R-13	958.33	05/16/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.85	—	—	1	µg/L	Y	J	J	2017-1541	CAMO-17-132202	GELC
R-13	958.33	02/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.39	—	—	1	µg/L	Y	J	J	2017-1005	CAMO-17-129291	GELC
R-13	958.33	11/07/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.77	—	—	1	µg/L	Y	J	J	2017-365	CAMO-17-127245	GELC
R-13	958.33	07/26/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.68	—	—	1	µg/L	Y	J	J	2016-1796	CAMO-16-124286	GELC
R-13	958.33	05/18/16	WG	F	RE	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.08	—	—	1	µg/L	Y	—	NQ	2016-1236	CAMO-16-115272	GELC
R-13	958.33	05/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.37	—	—	1	µg/L	Y	J	J	2016-1236	CAMO-16-115272	GELC
R-13	958.33	02/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.71	—	—	1	µg/L	Y	J	J	2016-763	CAMO-16-110035	GELC
R-13	958.33	11/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	6.41	—	—	3.3	µg/L	Y	J	J	2018-827	CAMO-18-148057	GELC
R-13	958.33	08/03/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	2017-2339	CAMO-17-141974	GELC
R-13	958.33	05/16/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2017-1541	CAMO-17-132202	GELC
R-13	958.33	02/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2017-1005	CAMO-17-129291	GELC
R-13	958.33	11/07/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2017-365	CAMO-17-127245	GELC
R-15	958.6	11/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.59	—	—	0.01	SU	Y	H	NQ	2018-827	CAMO-18-148058	GELC
R-15	958.6	11/08/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.55	—	—	0.01	SU	Y	H	NQ	2018-827	CAMO-18-148109	GELC
R-15	958.6	08/03/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.45	—	—	0.01	SU	Y	H	NQ	2017-2339	CAMO-17-141975	GELC
R-15	958.6	05/15/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.36	—	—	0.01	SU	Y	H	NQ	2017-1533	CAMO-17-132204	GELC
R-15	958.6	02/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.31	—	—	0.01	SU	Y	H	NQ	2017-993	CAMO-17-129292	GELC
R-15	958.6	11/15/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.49	—	—	0.01	SU	Y	H	NQ	2017-469	CAMO-17-127247	GELC
R-15	958.6	07/26/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.17	—	—	0.01	SU	Y	H	NQ	2016-1797	CAMO-16-124287	GELC
R-15	958.6	05/04/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.38	—	—	0.01	SU	Y	H	NQ	2016-1149	CAMO-16-115274	GELC
R-15	958.6	02/04/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.48	—	—	0.01	SU	Y	H	NQ	2016-697	CAMO-16-110036	GELC
R-15	958.6	11/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	6.45	—	—	1.45	mg/L	Y	—	NQ	2018-827	CAMO-18-148058	GELC
R-15	958.6	11/08/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	4.44	—	—	1.45	mg/L	Y	—	NQ	2018-827	CAMO-18-148109	GELC
R-15	958.6	08/03/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	4.03	—	—	1.45	mg/L	Y	—	NQ	2017-2339	CAMO-17-141975	GELC
R-15	958.6	05/15/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	4	—	—	1.45	mg/L	Y	U	U	2017-1533	CAMO-17-132204	GELC
R-15	958.6	02/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	4	—	—	1.45	mg/L	Y	U	U	2017-993	CAMO-17-129292	GELC
R-15	958.6	11/15/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	1.99	—	—	1.45	mg/L	Y	J	J	2017-469	CAMO-17-127247	GELC
R-15	958.6	07/26/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	4	—	—	1.45	mg/L	Y	U	U	2016-1797	CAMO-16-124287	GELC
R-15	958.6	11/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	58.5	—	—	1.45	mg/L	Y	—	NQ	2018-827	CAMO-18-148058	GELC
R-15	958.6	11/08/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	58.5	—	—	1.45	mg/L	Y	—	NQ	2018-827	CAMO-18-148109	GELC
R-15	958.6	08/03/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	56.9	—	—	1.45	mg/L	Y	—	NQ	2017-2339	CAMO-17-141975	GELC
R-15	958.6	05/15/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	58.2	—	—	1.45	mg/L	Y	—	NQ	2017-1533	CAMO-17-132204	GELC
R-15	958.6	02/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	59	—	—	1.45	mg/L	Y	—	NQ	2017-993	CAMO-17-129292	GELC
R-15	958.6	11/15/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	58.8	—	—	1.45	mg/L	Y	—	NQ	2017-469	CAMO-17-127247	GELC
R-15	958.6	07/26/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	58.2	—	—	1.45	mg/L	Y	—	NQ	2016-1797	CAMO-16-124287	GELC
R-15	958.6	05/04/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	55.5	—	—	0.725	mg/L	Y	—	NQ	2016-1149	CAMO-16-115274	GELC
R-15	958.6	02/04/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	57.5	—	—	0.725	mg/L	Y	—	NQ	2016-697	CAMO-16-110036	GELC
R-15	958.6	11/08/17	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00262	0.00786	0.0466	—	pCi/L	Y	U	U	2018-827	CAMO-18-148074	GELC
R-15	958.6	11/08/17	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00457	0.00457	0.0406	—	pCi/L	Y	U	U	2018-827	CAMO-18-148111	GELC
R-15	958.6	11/20/15	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0096	0.00576	0.0259	—	pCi/L	Y	U	U	2016-392	CAMO-16-106099	GELC
R-15	958.6	11/07/13	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00443	0.0147	0.0521	—	pCi/L	Y	U	U	2014-2426	CAMO-14-45747	GELC
R-15	958.6	11/07/13	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00811	0.00994	0.0478	—	pCi/L	Y	U	U	2014-2426	CAMO-14-45725	GELC
R-15	958.6	11/10/11	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0147	0.006	0.038	—	pCi/L	Y	U	U	12-323	CAMO-12-1485	GELC
R-15	958.6	07/14/10	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00414	0.0059	0.035	—	pCi/L	Y	U	U	10-3698	CAMO-10-22857	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-15	958.6	11/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.084	—	—	0.017	mg/L	Y	—	NQ	2018-827	CAMO-18-148058	GELC
R-15	958.6	11/08/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0602	—	—	0.017	mg/L	Y	—	NQ	2018-827	CAMO-18-148109	GELC
R-15	958.6	08/03/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0511	—	—	0.017	mg/L	Y	—	NQ	2017-2339	CAMO-17-141975	GELC
R-15	958.6	02/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.103	—	—	0.017	mg/L	Y	—	NQ	2017-993	CAMO-17-129292	GELC
R-15	958.6	11/15/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.017	mg/L	Y	U	U	2017-469	CAMO-17-127247	GELC
R-15	958.6	07/26/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0782	—	—	0.017	mg/L	Y	—	NQ	2016-1797	CAMO-16-124287	GELC
R-15	958.6	05/04/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0173	—	—	0.017	mg/L	Y	J	U	2016-1149	CAMO-16-115274	GELC
R-15	958.6	02/04/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0207	—	—	0.017	mg/L	Y	J	J	2016-697	CAMO-16-110036	GELC
R-15	958.6	02/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	1.98	—	—	1.7	µg/L	Y	J	J	2017-993	CAMO-17-129292	GELC
R-15	958.6	11/15/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2017-469	CAMO-17-127247	GELC
R-15	958.6	07/26/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	1.78	—	—	1.7	µg/L	Y	J	J	2016-1797	CAMO-16-124287	GELC
R-15	958.6	05/04/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2016-1149	CAMO-16-115274	GELC
R-15	958.6	02/04/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2016-697	CAMO-16-110036	GELC
R-15	958.6	11/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	29.6	—	—	1	µg/L	Y	—	NQ	2018-827	CAMO-18-148058	GELC
R-15	958.6	11/08/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	29.6	—	—	1	µg/L	Y	—	NQ	2018-827	CAMO-18-148109	GELC
R-15	958.6	08/03/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	28.7	—	—	1	µg/L	Y	—	NQ	2017-2339	CAMO-17-141975	GELC
R-15	958.6	05/15/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	27.7	—	—	1	µg/L	Y	—	NQ	2017-1533	CAMO-17-132204	GELC
R-15	958.6	02/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	30.4	—	—	1	µg/L	Y	—	NQ	2017-993	CAMO-17-129292	GELC
R-15	958.6	11/15/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	29.1	—	—	1	µg/L	Y	—	NQ	2017-469	CAMO-17-127247	GELC
R-15	958.6	07/26/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	29.5	—	—	1	µg/L	Y	—	NQ	2016-1797	CAMO-16-124287	GELC
R-15	958.6	05/04/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	28.7	—	—	1	µg/L	Y	—	NQ	2016-1149	CAMO-16-115274	GELC
R-15	958.6	02/04/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	29.9	—	—	1	µg/L	Y	—	NQ	2016-697	CAMO-16-110036	GELC
R-15	958.6	08/03/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0701	—	—	0.067	mg/L	Y	J	J	2017-2339	CAMO-17-141975	GELC
R-15	958.6	05/15/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0678	—	—	0.067	mg/L	Y	J	J	2017-1533	CAMO-17-132204	GELC
R-15	958.6	02/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.067	mg/L	Y	U	U	2017-993	CAMO-17-129292	GELC
R-15	958.6	11/15/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0677	—	—	0.067	mg/L	Y	J	J	2017-469	CAMO-17-127247	GELC
R-15	958.6	07/26/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0745	—	—	0.067	mg/L	Y	J	J	2016-1797	CAMO-16-124287	GELC
R-15	958.6	05/04/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.067	mg/L	Y	U	U	2016-1149	CAMO-16-115274	GELC
R-15	958.6	11/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	14.4	—	—	0.05	mg/L	Y	—	NQ	2018-827	CAMO-18-148058	GELC
R-15	958.6	11/08/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	14.4	—	—	0.05	mg/L	Y	—	NQ	2018-827	CAMO-18-148109	GELC
R-15	958.6	08/03/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	14.5	—	—	0.05	mg/L	Y	—	NQ	2017-2339	CAMO-17-141975	GELC
R-15	958.6	05/15/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	13.8	—	—	0.05	mg/L	Y	—	NQ	2017-1533	CAMO-17-132204	GELC
R-15	958.6	02/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	15	—	—	0.05	mg/L	Y	—	NQ	2017-993	CAMO-17-129292	GELC
R-15	958.6	11/15/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	14.3	—	—	0.05	mg/L	Y	—	NQ	2017-469	CAMO-17-127247	GELC
R-15	958.6	07/26/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	14.2	—	—	0.05	mg/L	Y	—	NQ	2016-1797	CAMO-16-124287	GELC
R-15	958.6	05/04/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	14.3	—	—	0.05	mg/L	Y	—	NQ	2016-1149	CAMO-16-115274	GELC
R-15	958.6	02/04/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	14.5	—	—	0.05	mg/L	Y	—	NQ	2016-697	CAMO-16-110036	GELC
R-15	958.6	11/08/17	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.00649	1.26	4.73	—	pCi/L	Y	U	U	2018-827	CAMO-18-148074	GELC
R-15	958.6	11/08/17	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.29	1.42	4.98	—	pCi/L	Y	U	U	2018-827	CAMO-18-148111	GELC
R-15	958.6	11/20/15	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.42	1.34	5.37	—	pCi/L	Y	U	U	2016-392	CAMO-16-106099	GELC
R-15	958.6	11/07/13	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.99	1.34	3.96	—	pCi/L	Y	U	U	2014-2426	CAMO-14-45747	GELC
R-15	958.6	11/07/13	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	3.73	1.6	4.81	—	pCi/L	Y	U	U	2014-2426	CAMO-14-45725	GELC
R-15	958.6	11/10/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-6.98	2	6.6	—	pCi/L	Y	U	U	12-323	CAMO-12-1485	GELC
R-15	958.6	07/14/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.24	1.5	4.8	—	pCi/L	Y	U	U	10-3698	CAMO-10-22857	GELC
R-15	958.6	11/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.9	—	—	0.067	mg/L	Y	—	NQ	2018-827	CAMO-18-148058	GELC
R-15	958.6	11/08/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.91	—	—	0.067	mg/L	Y	—	NQ	2018-827	CAMO-18-148109	GELC
R-15	958.6	08/03/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.04	—	—	0.067	mg/L	Y	—	NQ	2017-2339	CAMO-17-141975	GELC
R-15	958.6	05/15/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.44	—	—	0.067	mg/L	Y	—	NQ	2017-1533	CAMO-17-132204	GELC
R-15	958.6	02/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.13	—	—	0.067	mg/L	Y	—	NQ	2017-993	CAMO-17-129292	GELC
R-15	958.6	11/15/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.25	—	—	0.067	mg/L	Y	—	NQ	2017-469	CAMO-17-127247	GELC
R-15	958.6	07/26/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.92	—	—	0.067	mg/L	Y	—	NQ	2016-1797	CAMO-16-124287	GELC
R-15	958.6	05/04/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.13	—	—	0.067	mg/L	Y	—	NQ	2016-1149	CAMO-16-115274	GELC
R-15	958.6	02/04/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.01	—	—	0.067	mg/L	Y	—	NQ	2016-697	CAMO-16-110036	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-15	958.6	11/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	13	—	—	3	µg/L	Y	—	NQ	2018-827	CAMO-18-148058	GELC
R-15	958.6	11/08/17	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	13.2	—	—	3	µg/L	Y	—	NQ	2018-827	CAMO-18-148109	GELC
R-15	958.6	08/03/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	12.7	—	—	3	µg/L	Y	—	NQ	2017-2339	CAMO-17-141975	GELC
R-15	958.6	05/15/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	12.8	—	—	3	µg/L	Y	—	NQ	2017-1533	CAMO-17-132204	GELC
R-15	958.6	02/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	14.5	—	—	3	µg/L	Y	—	NQ	2017-993	CAMO-17-129292	GELC
R-15	958.6	11/15/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	14.2	—	—	3	µg/L	Y	—	NQ	2017-469	CAMO-17-127247	GELC
R-15	958.6	07/26/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	11.6	—	—	2	µg/L	Y	—	NQ	2016-1797	CAMO-16-124287	GELC
R-15	958.6	05/04/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	15.9	—	—	2	µg/L	Y	—	J	2016-1149	CAMO-16-115274	GELC
R-15	958.6	02/04/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	12.4	—	—	2	µg/L	Y	—	NQ	2016-697	CAMO-16-110036	GELC
R-15	958.6	11/08/17	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.17	1.69	6.05	—	pCi/L	Y	U	U	2018-827	CAMO-18-148074	GELC
R-15	958.6	11/08/17	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.87	1.7	7.26	—	pCi/L	Y	U	U	2018-827	CAMO-18-148111	GELC
R-15	958.6	11/20/15	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-2.09	1.26	4.15	—	pCi/L	Y	U	U	2016-392	CAMO-16-106099	GELC
R-15	958.6	11/07/13	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.191	1.11	4.3	—	pCi/L	Y	U	U	2014-2426	CAMO-14-45747	GELC
R-15	958.6	11/07/13	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	3.22	1.45	6.41	—	pCi/L	Y	U	U	2014-2426	CAMO-14-45725	GELC
R-15	958.6	11/10/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.324	1.4	5.2	—	pCi/L	Y	U	U	12-323	CAMO-12-1485	GELC
R-15	958.6	07/14/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.493	1.6	5	—	pCi/L	Y	U	U	10-3698	CAMO-10-22857	GELC
R-15	958.6	11/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.113	—	—	0.033	mg/L	Y	—	NQ	2018-827	CAMO-18-148058	GELC
R-15	958.6	11/08/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.118	—	—	0.033	mg/L	Y	—	NQ	2018-827	CAMO-18-148109	GELC
R-15	958.6	08/03/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.109	—	—	0.033	mg/L	Y	—	NQ	2017-2339	CAMO-17-141975	GELC
R-15	958.6	05/15/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.166	—	—	0.033	mg/L	Y	—	NQ	2017-1533	CAMO-17-132204	GELC
R-15	958.6	02/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0959	—	—	0.033	mg/L	Y	J	J	2017-993	CAMO-17-129292	GELC
R-15	958.6	11/15/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.123	—	—	0.033	mg/L	Y	—	NQ	2017-469	CAMO-17-127247	GELC
R-15	958.6	07/26/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.123	—	—	0.033	mg/L	Y	—	NQ	2016-1797	CAMO-16-124287	GELC
R-15	958.6	05/04/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.144	—	—	0.033	mg/L	Y	—	NQ	2016-1149	CAMO-16-115274	GELC
R-15	958.6	02/04/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.143	—	—	0.033	mg/L	Y	—	NQ	2016-697	CAMO-16-110036	GELC
R-15	958.6	11/08/17	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.323	0.707	2.78	—	pCi/L	Y	U	U	2018-827	CAMO-18-148074	GELC
R-15	958.6	11/08/17	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	0.525	0.686	2.52	—	pCi/L	Y	U	U	2018-827	CAMO-18-148111	GELC
R-15	958.6	11/20/15	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.209	0.725	2.92	—	pCi/L	Y	U	U	2016-392	CAMO-16-106099	GELC
R-15	958.6	11/07/13	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.542	0.787	2.88	—	pCi/L	Y	U	U	2014-2426	CAMO-14-45747	GELC
R-15	958.6	11/07/13	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	-1.22	0.613	2.91	—	pCi/L	Y	U	U	2014-2426	CAMO-14-45725	GELC
R-15	958.6	11/10/11	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.146	0.35	1.9	—	pCi/L	Y	U	U	12-323	CAMO-12-1485	GELC
R-15	958.6	07/14/10	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	5.36	1.4	2.6	—	pCi/L	Y	—	NQ	10-3698	CAMO-10-22857	GELC
R-15	958.6	11/08/17	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.26	0.949	2.99	—	pCi/L	Y	U	U	2018-827	CAMO-18-148074	GELC
R-15	958.6	11/08/17	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	1.21	0.847	2.84	—	pCi/L	Y	U	U	2018-827	CAMO-18-148111	GELC
R-15	958.6	11/20/15	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.1	0.739	2.32	—	pCi/L	Y	U	U	2016-392	CAMO-16-106099	GELC
R-15	958.6	11/07/13	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	1.32	0.332	1.03	—	pCi/L	Y	—	NQ	2014-2426	CAMO-14-45747	GELC
R-15	958.6	11/07/13	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	0.642	0.313	1.01	—	pCi/L	Y	U	U	2014-2426	CAMO-14-45725	GELC
R-15	958.6	11/10/11	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.14	0.79	2.3	—	pCi/L	Y	U	U	12-323	CAMO-12-1485	GELC
R-15	958.6	07/14/10	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.24	0.84	3	—	pCi/L	Y	U	U	10-3698	CAMO-10-22857	GELC
R-15	958.6	11/08/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	51.4	—	—	0.453	mg/L	Y	—	NQ	2018-827	CAMO-18-148058	GELC
R-15	958.6	11/08/17	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	51.4	—	—	0.453	mg/L	Y	—	NQ	2018-827	CAMO-18-148109	GELC
R-15	958.6	08/03/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	52.2	—	—	0.453	mg/L	Y	—	NQ	2017-2339	CAMO-17-141975	GELC
R-15	958.6	05/15/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	48.9	—	—	0.453	mg/L	Y	—	NQ	2017-1533	CAMO-17-132204	GELC
R-15	958.6	02/08/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	53.8	—	—	0.453	mg/L	Y	—	NQ	2017-993	CAMO-17-129292	GELC
R-15	958.6	11/15/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	51.1	—	—	0.453	mg/L	Y	—	NQ	2017-469	CAMO-17-127247	GELC
R-15	958.6	07/26/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	50.1	—	—	0.453	mg/L	Y	—	NQ	2016-1797	CAMO-16-124287	GELC
R-15	958.6	05/04/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	47.8	—	—	0.453	mg/L	Y	—	NQ	2016-1149	CAMO-16-115274	GELC
R-15	958.6	02/04/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	52	—	—	0.453	mg/L	Y	—	NQ	2016-697	CAMO-16-110036	GELC
R-15	958.6	11/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.75	—	—	0.11	mg/L	Y	—	NQ	2018-827	CAMO-18-148058	GELC
R-15	958.6	11/08/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.76	—	—	0.11	mg/L	Y	—	NQ	2018-827	CAMO-18-148109	GELC
R-15	958.6	08/03/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.91	—	—	0.11	mg/L	Y	—	NQ	2017-2339	CAMO-17-141975	GELC
R-15	958.6	05/15/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.53	—	—	0.11	mg/L	Y	—	NQ	2017-1533	CAMO-17-132204	GELC
R-15	958.6	02/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.98	—	—	0.11	mg/L	Y	—	NQ	2017-993	CAMO-17-129292	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-15	958.6	11/15/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.76	—	—	0.11	mg/L	Y	—	NQ	2017-469	CAMO-17-127247	GELC
R-15	958.6	07/26/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.57	—	—	0.11	mg/L	Y	—	NQ	2016-1797	CAMO-16-124287	GELC
R-15	958.6	05/04/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.72	—	—	0.11	mg/L	Y	—	NQ	2016-1149	CAMO-16-115274	GELC
R-15	958.6	02/04/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.86	—	—	0.11	mg/L	Y	—	NQ	2016-697	CAMO-16-110036	GELC
R-15	958.6	05/15/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.973	—	—	0.2	µg/L	Y	—	NQ	2017-1533	CAMO-17-132204	GELC
R-15	958.6	02/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.07	—	—	0.3	µg/L	Y	—	NQ	2017-993	CAMO-17-129292	GELC
R-15	958.6	11/15/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.94	—	—	0.3	µg/L	Y	—	NQ	2017-469	CAMO-17-127247	GELC
R-15	958.6	07/26/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.974	—	—	0.165	µg/L	Y	—	NQ	2016-1797	CAMO-16-124287	GELC
R-15	958.6	05/04/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.976	—	—	0.165	µg/L	Y	—	NQ	2016-1149	CAMO-16-115274	GELC
R-15	958.6	02/04/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.01	—	—	0.165	µg/L	Y	—	J	2016-697	CAMO-16-110036	GELC
R-15	958.6	11/08/17	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.798	2.01	7.79	—	pCi/L	Y	U	U	2018-827	CAMO-18-148074	GELC
R-15	958.6	11/08/17	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	3.48	2.66	10.3	—	pCi/L	Y	U	U	2018-827	CAMO-18-148111	GELC
R-15	958.6	11/20/15	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.9	2.41	8.23	—	pCi/L	Y	U	U	2016-392	CAMO-16-106099	GELC
R-15	958.6	11/07/13	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.64	2.18	8.01	—	pCi/L	Y	U	U	2014-2426	CAMO-14-45747	GELC
R-15	958.6	11/07/13	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	4.7	2.33	8.9	—	pCi/L	Y	U	U	2014-2426	CAMO-14-45725	GELC
R-15	958.6	11/10/11	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.16	2.1	7.8	—	pCi/L	Y	U	U	12-323	CAMO-12-1485	GELC
R-15	958.6	07/14/10	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-4.86	3.1	9.5	—	pCi/L	Y	U	U	10-3698	CAMO-10-22857	GELC
R-15	958.6	11/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.708	—	—	0.6	µg/L	Y	J	J	2018-827	CAMO-18-148058	GELC
R-15	958.6	11/08/17	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.669	—	—	0.6	µg/L	Y	J	J	2018-827	CAMO-18-148109	GELC
R-15	958.6	08/03/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.6	—	—	0.6	µg/L	Y	U	U	2017-2339	CAMO-17-141975	GELC
R-15	958.6	05/15/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	2	—	—	0.6	µg/L	Y	U	U	2017-1533	CAMO-17-132204	GELC
R-15	958.6	02/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	2	—	—	0.5	µg/L	Y	U	U	2017-993	CAMO-17-129292	GELC
R-15	958.6	11/15/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	2	—	—	0.5	µg/L	Y	U	U	2017-469	CAMO-17-127247	GELC
R-15	958.6	11/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.3	—	—	0.085	mg/L	Y	—	NQ	2018-827	CAMO-18-148058	GELC
R-15	958.6	11/08/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.14	—	—	0.085	mg/L	Y	—	NQ	2018-827	CAMO-18-148109	GELC
R-15	958.6	08/03/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.89	—	—	0.085	mg/L	Y	—	NQ	2017-2339	CAMO-17-141975	GELC
R-15	958.6	05/15/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.91	—	—	0.085	mg/L	Y	—	NQ	2017-1533	CAMO-17-132204	GELC
R-15	958.6	02/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.93	—	—	0.085	mg/L	Y	—	NQ	2017-993	CAMO-17-129292	GELC
R-15	958.6	11/15/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.09	—	—	0.085	mg/L	Y	—	NQ	2017-469	CAMO-17-127247	GELC
R-15	958.6	07/26/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.11	—	—	0.085	mg/L	Y	—	NQ	2016-1797	CAMO-16-124287	GELC
R-15	958.6	05/04/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.31	—	—	0.085	mg/L	Y	—	NQ	2016-1149	CAMO-16-115274	GELC
R-15	958.6	02/04/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2	—	—	0.085	mg/L	Y	—	NQ	2016-697	CAMO-16-110036	GELC
R-15	958.6	11/08/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	9.88	—	—	0.5	µg/L	Y	—	NQ	2018-827	CAMO-18-148058	GELC
R-15	958.6	11/08/17	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	9.94	—	—	0.5	µg/L	Y	—	NQ	2018-827	CAMO-18-148109	GELC
R-15	958.6	08/03/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	9.52	—	—	0.5	µg/L	Y	—	NQ	2017-2339	CAMO-17-141975	GELC
R-15	958.6	05/15/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	9.95	—	—	0.5	µg/L	Y	—	NQ	2017-1533	CAMO-17-132204	GELC
R-15	958.6	02/08/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	9.62	—	—	0.5	µg/L	Y	—	NQ	2017-993	CAMO-17-129292	GELC
R-15	958.6	11/15/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	10.8	—	—	0.5	µg/L	Y	—	NQ	2017-469	CAMO-17-127247	GELC
R-15	958.6	07/26/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	8.86	—	—	1	µg/L	Y	—	NQ	2016-1797	CAMO-16-124287	GELC
R-15	958.6	05/04/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	8.68	—	—	0.5	µg/L	Y	—	NQ	2016-1149	CAMO-16-115274	GELC
R-15	958.6	02/04/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	8.67	—	—	0.5	µg/L	Y	—	NQ	2016-697	CAMO-16-110036	GELC
R-15	958.6	11/08/17	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0145	0.00768	0.0428	—	pCi/L	Y	U	U	2018-827	CAMO-18-148074	GELC
R-15	958.6	11/08/17	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00552	0.00781	0.0407	—	pCi/L	Y	U	U	2018-827	CAMO-18-148111	GELC
R-15	958.6	11/20/15	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0139	0.00658	0.0232	—	pCi/L	Y	U	U	2016-392	CAMO-16-106099	GELC
R-15	958.6	11/07/13	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00464	0.00803	0.0511	—	pCi/L	Y	U	U	2014-2426	CAMO-14-45747	GELC
R-15	958.6	11/07/13	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00441	0.0132	0.0486	—	pCi/L	Y	U	U	2014-2426	CAMO-14-45725	GELC
R-15	958.6	11/10/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00488	0.0035	0.028	—	pCi/L	Y	U	U	12-323	CAMO-12-1485	GELC
R-15	958.6	07/14/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.0024	0.032	—	pCi/L	Y	U	U	10-3698	CAMO-10-22857	GELC
R-15	958.6	11/08/17	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0029	0.00767	0.0611	—	pCi/L	Y	U	U	2018-827	CAMO-18-148074	GELC
R-15	958.6	11/08/17	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00828	0.0107	0.0582	—	pCi/L	Y	U	U	2018-827	CAMO-18-148111	GELC
R-15	958.6	11/20/15	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00793	0.00561	0.0446	—	pCi/L	Y	U	U	2016-392	CAMO-16-106099	GELC
R-15	958.6	11/07/13	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0232	0.0123	0.0812	—	pCi/L	Y	U	U	2014-2426	CAMO-14-45747	GELC
R-15	958.6	11/07/13	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.022	0.0132	0.0772	—	pCi/L	Y	U	U	2014-2426	CAMO-14-45725	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-15	958.6	11/10/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00244	0.0042	0.038	—	pCi/L	Y	U	U	12-323	CAMO-12-1485	GELC
R-15	958.6	07/14/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00237	0.0053	0.032	—	pCi/L	Y	U	U	10-3698	CAMO-10-22857	GELC
R-15	958.6	11/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.81	—	—	0.05	mg/L	Y	—	NQ	2018-827	CAMO-18-148058	GELC
R-15	958.6	11/08/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	1.77	—	—	0.05	mg/L	Y	—	NQ	2018-827	CAMO-18-148109	GELC
R-15	958.6	08/03/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.7	—	—	0.05	mg/L	Y	—	NQ	2017-2339	CAMO-17-141975	GELC
R-15	958.6	05/15/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.74	—	—	0.05	mg/L	Y	—	NQ	2017-1533	CAMO-17-132204	GELC
R-15	958.6	02/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.9	—	—	0.05	mg/L	Y	—	NQ	2017-993	CAMO-17-129292	GELC
R-15	958.6	11/15/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.79	—	—	0.05	mg/L	Y	—	NQ	2017-469	CAMO-17-127247	GELC
R-15	958.6	07/26/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.72	—	—	0.05	mg/L	Y	—	NQ	2016-1797	CAMO-16-124287	GELC
R-15	958.6	05/04/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.65	—	—	0.05	mg/L	Y	—	NQ	2016-1149	CAMO-16-115274	GELC
R-15	958.6	02/04/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.73	—	—	0.05	mg/L	Y	—	NQ	2016-697	CAMO-16-110036	GELC
R-15	958.6	11/08/17	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-17.6	18.6	69.5	—	pCi/L	Y	U	U	2018-827	CAMO-18-148074	GELC
R-15	958.6	11/08/17	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-39	18.4	62.7	—	pCi/L	Y	U	U	2018-827	CAMO-18-148111	GELC
R-15	958.6	11/20/15	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	12.2	18.7	46	—	pCi/L	Y	U	U	2016-392	CAMO-16-106099	GELC
R-15	958.6	11/07/13	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	6.72	18.9	45.2	—	pCi/L	Y	U	U	2014-2426	CAMO-14-45747	GELC
R-15	958.6	11/07/13	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-1.33	20.6	66	—	pCi/L	Y	U	U	2014-2426	CAMO-14-45725	GELC
R-15	958.6	11/10/11	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-42.7	17	51	—	pCi/L	Y	U	U	12-323	CAMO-12-1485	GELC
R-15	958.6	07/14/10	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	41.9	24	35	—	pCi/L	Y	UI	R	10-3698	CAMO-10-22857	GELC
R-15	958.6	11/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.4	—	—	0.053	mg/L	Y	—	NQ	2018-827	CAMO-18-148058	GELC
R-15	958.6	11/08/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.1	—	—	0.053	mg/L	Y	—	NQ	2018-827	CAMO-18-148109	GELC
R-15	958.6	08/03/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.2	—	—	0.053	mg/L	Y	—	NQ	2017-2339	CAMO-17-141975	GELC
R-15	958.6	05/15/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.1	—	—	0.053	mg/L	Y	—	NQ	2017-1533	CAMO-17-132204	GELC
R-15	958.6	02/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.2	—	—	0.053	mg/L	Y	—	NQ	2017-993	CAMO-17-129292	GELC
R-15	958.6	11/15/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.9	—	—	0.053	mg/L	Y	—	NQ	2017-469	CAMO-17-127247	GELC
R-15	958.6	07/26/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	72.4	—	—	0.053	mg/L	Y	—	NQ	2016-1797	CAMO-16-124287	GELC
R-15	958.6	05/04/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.9	—	—	0.053	mg/L	Y	—	NQ	2016-1149	CAMO-16-115274	GELC
R-15	958.6	02/04/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.7	—	—	0.053	mg/L	Y	—	NQ	2016-697	CAMO-16-110036	GELC
R-15	958.6	11/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.97	—	—	0.1	mg/L	Y	—	NQ	2018-827	CAMO-18-148058	GELC
R-15	958.6	11/08/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.87	—	—	0.1	mg/L	Y	—	NQ	2018-827	CAMO-18-148109	GELC
R-15	958.6	08/03/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.6	—	—	0.1	mg/L	Y	—	NQ	2017-2339	CAMO-17-141975	GELC
R-15	958.6	05/15/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.6	—	—	0.1	mg/L	Y	—	NQ	2017-1533	CAMO-17-132204	GELC
R-15	958.6	02/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.6	—	—	0.1	mg/L	Y	—	NQ	2017-993	CAMO-17-129292	GELC
R-15	958.6	11/15/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.8	—	—	0.1	mg/L	Y	—	NQ	2017-469	CAMO-17-127247	GELC
R-15	958.6	07/26/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	13.9	—	—	0.1	mg/L	Y	—	NQ	2016-1797	CAMO-16-124287	GELC
R-15	958.6	05/04/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.3	—	—	0.1	mg/L	Y	—	NQ	2016-1149	CAMO-16-115274	GELC
R-15	958.6	02/04/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10	—	—	0.1	mg/L	Y	—	NQ	2016-697	CAMO-16-110036	GELC
R-15	958.6	11/08/17	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.289	1.12	4.51	—	pCi/L	Y	U	U	2018-827	CAMO-18-148074	GELC
R-15	958.6	11/08/17	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-3.68	2.08	5.92	—	pCi/L	Y	U	U	2018-827	CAMO-18-148111	GELC
R-15	958.6	11/20/15	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.354	1.16	4.53	—	pCi/L	Y	U	U	2016-392	CAMO-16-106099	GELC
R-15	958.6	11/07/13	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.17	1.07	3.57	—	pCi/L	Y	U	U	2014-2426	CAMO-14-45747	GELC
R-15	958.6	11/07/13	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	0.508	1.18	4.77	—	pCi/L	Y	U	U	2014-2426	CAMO-14-45725	GELC
R-15	958.6	11/10/11	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.09	1.2	5	—	pCi/L	Y	U	U	12-323	CAMO-12-1485	GELC
R-15	958.6	07/14/10	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.0963	1.7	5.5	—	pCi/L	Y	U	U	10-3698	CAMO-10-22857	GELC
R-15	958.6	11/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	162	—	—	1	µS/cm	Y	—	NQ	2018-827	CAMO-18-148058	GELC
R-15	958.6	11/08/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	161	—	—	1	µS/cm	Y	—	NQ	2018-827	CAMO-18-148109	GELC
R-15	958.6	08/03/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	161	—	—	1	µS/cm	Y	—	NQ	2017-2339	CAMO-17-141975	GELC
R-15	958.6	05/15/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	128	—	—	1	µS/cm	Y	—	NQ	2017-1533	CAMO-17-132204	GELC
R-15	958.6	02/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	152	—	—	1	µS/cm	Y	—	NQ	2017-993	CAMO-17-129292	GELC
R-15	958.6	11/15/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	154	—	—	1	µS/cm	Y	—	NQ	2017-469	CAMO-17-127247	GELC
R-15	958.6	07/26/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	147	—	—	3.63	µS/cm	Y	—	NQ	2016-1797	CAMO-16-124287	GELC
R-15	958.6	05/04/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	178	—	—	1	µS/cm	Y	—	NQ	2016-1149	CAMO-16-115274	GELC
R-15	958.6	02/04/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	173	—	—	1	µS/cm	Y	—	NQ	2016-697	CAMO-16-110036	GELC
R-15	958.6	11/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	64.8	—	—	1	µg/L	Y	—	NQ	2018-827	CAMO-18-148058	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-15	958.6	11/08/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	64.6	—	—	1	µg/L	Y	—	NQ	2018-827	CAMO-18-148109	GELC
R-15	958.6	08/03/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	62.2	—	—	1	µg/L	Y	—	NQ	2017-2339	CAMO-17-141975	GELC
R-15	958.6	05/15/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	59.4	—	—	1	µg/L	Y	—	NQ	2017-1533	CAMO-17-132204	GELC
R-15	958.6	02/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	66	—	—	1	µg/L	Y	—	NQ	2017-993	CAMO-17-129292	GELC
R-15	958.6	11/15/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	63.1	—	—	1	µg/L	Y	—	NQ	2017-469	CAMO-17-127247	GELC
R-15	958.6	07/26/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	64.7	—	—	1	µg/L	Y	—	NQ	2016-1797	CAMO-16-124287	GELC
R-15	958.6	05/04/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	63.5	—	—	1	µg/L	Y	—	NQ	2016-1149	CAMO-16-115274	GELC
R-15	958.6	02/04/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	61.5	—	—	1	µg/L	Y	—	NQ	2016-697	CAMO-16-110036	GELC
R-15	958.6	11/08/17	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.165	0.123	0.416	—	pCi/L	Y	U	U	2018-827	CAMO-18-148074	GELC
R-15	958.6	11/08/17	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.076	0.0849	0.358	—	pCi/L	Y	U	U	2018-827	CAMO-18-148111	GELC
R-15	958.6	11/20/15	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.298	0.119	0.498	—	pCi/L	Y	U	U	2016-392	CAMO-16-106099	GELC
R-15	958.6	11/07/13	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.328	0.154	0.494	—	pCi/L	Y	U	U	2014-2426	CAMO-14-45747	GELC
R-15	958.6	11/07/13	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.265	0.148	0.487	—	pCi/L	Y	U	U	2014-2426	CAMO-14-45725	GELC
R-15	958.6	11/10/11	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.403	0.15	0.49	—	pCi/L	Y	U	U	12-323	CAMO-12-1485	GELC
R-15	958.6	07/14/10	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.152	0.14	0.48	—	pCi/L	Y	U	U	10-3698	CAMO-10-22857	GELC
R-15	958.6	11/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.03	—	—	0.133	mg/L	Y	—	NQ	2018-827	CAMO-18-148058	GELC
R-15	958.6	11/08/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.08	—	—	0.133	mg/L	Y	—	NQ	2018-827	CAMO-18-148109	GELC
R-15	958.6	08/03/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.44	—	—	0.133	mg/L	Y	—	NQ	2017-2339	CAMO-17-141975	GELC
R-15	958.6	05/15/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.01	—	—	0.133	mg/L	Y	—	NQ	2017-1533	CAMO-17-132204	GELC
R-15	958.6	02/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.71	—	—	0.133	mg/L	Y	—	NQ	2017-993	CAMO-17-129292	GELC
R-15	958.6	11/15/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.65	—	—	0.133	mg/L	Y	—	NQ	2017-469	CAMO-17-127247	GELC
R-15	958.6	07/26/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.26	—	—	0.133	mg/L	Y	—	NQ	2016-1797	CAMO-16-124287	GELC
R-15	958.6	05/04/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.56	—	—	0.133	mg/L	Y	—	NQ	2016-1149	CAMO-16-115274	GELC
R-15	958.6	02/04/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.49	—	—	0.133	mg/L	Y	—	NQ	2016-697	CAMO-16-110036	GELC
R-15	958.6	11/08/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-827	CAMO-18-148058	GELC
R-15	958.6	11/08/17	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-827	CAMO-18-148109	GELC
R-15	958.6	11/08/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-827	CAMO-18-148074	GELC
R-15	958.6	11/08/17	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-827	CAMO-18-148111	GELC
R-15	958.6	08/03/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	5	—	—	—	deg C	Y	—	NQ	2017-2339	CAMO-17-141991	GELC
R-15	958.6	08/03/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	5	—	—	—	deg C	Y	—	NQ	2017-2339	CAMO-17-141975	GELC
R-15	958.6	05/15/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2017-1533	CAMO-17-132204	GELC
R-15	958.6	05/15/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2017-1533	CAMO-17-132224	GELC
R-15	958.6	11/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	136	—	—	3.4	mg/L	Y	—	NQ	2018-827	CAMO-18-148058	GELC
R-15	958.6	11/08/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	127	—	—	3.4	mg/L	Y	—	NQ	2018-827	CAMO-18-148109	GELC
R-15	958.6	08/03/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	157	—	—	3.4	mg/L	Y	—	NQ	2017-2339	CAMO-17-141975	GELC
R-15	958.6	05/15/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	140	—	—	3.4	mg/L	Y	—	NQ	2017-1533	CAMO-17-132204	GELC
R-15	958.6	02/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	154	—	—	3.4	mg/L	Y	—	NQ	2017-993	CAMO-17-129292	GELC
R-15	958.6	11/15/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	216	—	—	3.4	mg/L	Y	—	NQ	2017-469	CAMO-17-127247	GELC
R-15	958.6	07/26/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	174	—	—	3.4	mg/L	Y	—	NQ	2016-1797	CAMO-16-124287	GELC
R-15	958.6	05/04/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	160	—	—	3.4	mg/L	Y	—	NQ	2016-1149	CAMO-16-115274	GELC
R-15	958.6	02/04/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	117	—	—	3.4	mg/L	Y	—	J	2016-697	CAMO-16-110036	GELC
R-15	958.6	05/15/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0788	—	—	0.033	mg/L	Y	J	J	2017-1533	CAMO-17-132224	GELC
R-15	958.6	02/08/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.118	—	—	0.033	mg/L	Y	—	NQ	2017-993	CAMO-17-129308	GELC
R-15	958.6	11/15/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2017-469	CAMO-17-127227	GELC
R-15	958.6	07/26/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2016-1797	CAMO-16-124263	GELC
R-15	958.6	05/04/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0371	—	—	0.033	mg/L	Y	J	J	2016-1149	CAMO-16-115251	GELC
R-15	958.6	02/04/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2016-697	CAMO-16-110018	GELC
R-15	958.6	11/08/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.344	—	—	0.33	mg/L	Y	J	J	2018-827	CAMO-18-148074	GELC
R-15	958.6	11/08/17	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.331	—	—	0.33	mg/L	Y	J	J	2018-827	CAMO-18-148111	GELC
R-15	958.6	02/08/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.355	—	—	0.33	mg/L	Y	J	J	2017-993	CAMO-17-129308	GELC
R-15	958.6	11/15/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	1	—	—	0.33	mg/L	Y	U	U	2017-469	CAMO-17-127227	GELC
R-15	958.6	07/26/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	1	—	—	0.33	mg/L	Y	U	U	2016-1797	CAMO-16-124263	GELC
R-15	958.6	05/04/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	1	—	—	0.33	mg/L	Y	U	U	2016-1149	CAMO-16-115251	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-15	958.6	02/04/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	1	—	—	0.33	mg/L	Y	U	U	2016-697	CAMO-16-110018	GELC
R-15	958.6	11/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0771	—	—	0.02	mg/L	Y	—	NQ	2018-827	CAMO-18-148058	GELC
R-15	958.6	11/08/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0695	—	—	0.02	mg/L	Y	—	NQ	2018-827	CAMO-18-148109	GELC
R-15	958.6	05/15/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0455	—	—	0.02	mg/L	Y	J	J	2017-1533	CAMO-17-132204	GELC
R-15	958.6	02/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.315	—	—	0.02	mg/L	Y	—	NQ	2017-993	CAMO-17-129292	GELC
R-15	958.6	11/15/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.05	—	—	0.02	mg/L	Y	U	U	2017-469	CAMO-17-127247	GELC
R-15	958.6	07/26/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0515	—	—	0.02	mg/L	Y	—	NQ	2016-1797	CAMO-16-124287	GELC
R-15	958.6	05/04/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.038	—	—	0.02	mg/L	Y	J	J	2016-1149	CAMO-16-115274	GELC
R-15	958.6	02/04/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0215	—	—	0.017	mg/L	Y	J	J	2016-697	CAMO-16-110036	GELC
R-15	958.6	11/08/17	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	37.061	5.698	2.449	—	pCi/L	Y	—	J-	2018-835	CAMO-18-148074	ARSL
R-15	958.6	11/08/17	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	36.647	5.622	2.259	—	pCi/L	Y	—	J-	2018-835	CAMO-18-148111	ARSL
R-15	958.6	11/15/16	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	33.997	5.235	2.222	—	pCi/L	Y	—	J-	2017-493	CAMO-17-127227	ARSL
R-15	958.6	11/10/14	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	29.043	4.499	2.205	—	pCi/L	Y	—	NQ	2015-313	CAMO-15-90211	ARSL
R-15	958.6	11/07/13	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	22.061	3.413	1.656	—	pCi/L	Y	—	J-	2014-2451	CAMO-14-45747	ARSL
R-15	958.6	11/07/13	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	17.886	2.862	2.328	—	pCi/L	Y	—	J-	2014-2451	CAMO-14-45725	ARSL
R-15	958.6	10/31/12	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	15.912	2.532	1.933	—	pCi/L	Y	—	NQ	2013-291	CAMO-13-24242	ARSL
R-15	958.6	11/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.338	—	—	0.067	µg/L	Y	—	NQ	2018-827	CAMO-18-148058	GELC
R-15	958.6	11/08/17	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.343	—	—	0.067	µg/L	Y	—	NQ	2018-827	CAMO-18-148109	GELC
R-15	958.6	08/03/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.362	—	—	0.067	µg/L	Y	—	NQ	2017-2339	CAMO-17-141975	GELC
R-15	958.6	05/15/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.352	—	—	0.067	µg/L	Y	—	NQ	2017-1533	CAMO-17-132204	GELC
R-15	958.6	02/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.411	—	—	0.067	µg/L	Y	—	NQ	2017-993	CAMO-17-129292	GELC
R-15	958.6	11/15/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.377	—	—	0.067	µg/L	Y	—	NQ	2017-469	CAMO-17-127247	GELC
R-15	958.6	07/26/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.419	—	—	0.067	µg/L	Y	—	NQ	2016-1797	CAMO-16-124287	GELC
R-15	958.6	05/04/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.477	—	—	0.067	µg/L	Y	—	NQ	2016-1149	CAMO-16-115274	GELC
R-15	958.6	02/04/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.484	—	—	0.067	µg/L	Y	—	NQ	2016-697	CAMO-16-110036	GELC
R-15	958.6	11/08/17	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.37	0.03	0.115	—	pCi/L	Y	—	NQ	2018-827	CAMO-18-148074	GELC
R-15	958.6	11/08/17	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.275	0.0272	0.121	—	pCi/L	Y	—	NQ	2018-827	CAMO-18-148111	GELC
R-15	958.6	11/20/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.255	0.0279	0.0934	—	pCi/L	Y	—	NQ	2016-392	CAMO-16-106099	GELC
R-15	958.6	11/07/13	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.282	0.0394	0.11	—	pCi/L	Y	—	NQ	2014-2426	CAMO-14-45747	GELC
R-15	958.6	11/07/13	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.362	0.0473	0.111	—	pCi/L	Y	—	NQ	2014-2426	CAMO-14-45725	GELC
R-15	958.6	11/10/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.259	0.034	0.078	—	pCi/L	Y	—	NQ	12-323	CAMO-12-1485	GELC
R-15	958.6	07/14/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.285	0.034	0.065	—	pCi/L	Y	—	NQ	10-3698	CAMO-10-22857	GELC
R-15	958.6	11/08/17	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0887	0.0169	0.0498	—	pCi/L	Y	—	NQ	2018-827	CAMO-18-148074	GELC
R-15	958.6	11/08/17	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0271	0.00997	0.0524	—	pCi/L	Y	U	U	2018-827	CAMO-18-148111	GELC
R-15	958.6	11/20/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00354	0.00791	0.0815	—	pCi/L	Y	U	U	2016-392	CAMO-16-106099	GELC
R-15	958.6	11/07/13	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0253	0.0155	0.0635	—	pCi/L	Y	U	U	2014-2426	CAMO-14-45747	GELC
R-15	958.6	11/07/13	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0	0.00903	0.064	—	pCi/L	Y	U	U	2014-2426	CAMO-14-45725	GELC
R-15	958.6	11/10/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00761	0.0054	0.041	—	pCi/L	Y	U	U	12-323	CAMO-12-1485	GELC
R-15	958.6	07/14/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0158	0.0084	0.04	—	pCi/L	Y	U	U	10-3698	CAMO-10-22857	GELC
R-15	958.6	11/08/17	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.194	0.0217	0.0674	—	pCi/L	Y	—	NQ	2018-827	CAMO-18-148074	GELC
R-15	958.6	11/08/17	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.114	0.0177	0.0709	—	pCi/L	Y	—	NQ	2018-827	CAMO-18-148111	GELC
R-15	958.6	11/20/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.114	0.0198	0.0922	—	pCi/L	Y	—	NQ	2016-392	CAMO-16-106099	GELC
R-15	958.6	11/07/13	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.149	0.0303	0.0569	—	pCi/L	Y	—	NQ	2014-2426	CAMO-14-45747	GELC
R-15	958.6	11/07/13	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.16	0.0306	0.0573	—	pCi/L	Y	—	NQ	2014-2426	CAMO-14-45725	GELC
R-15	958.6	11/10/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.123	0.021	0.035	—	pCi/L	Y	—	NQ	12-323	CAMO-12-1485	GELC
R-15	958.6	07/14/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.158	0.023	0.045	—	pCi/L	Y	—	NQ	10-3698	CAMO-10-22857	GELC
R-15	958.6	11/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.58	—	—	1	µg/L	Y	—	NQ	2018-827	CAMO-18-148058	GELC
R-15	958.6	11/08/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.49	—	—	1	µg/L	Y	—	NQ	2018-827	CAMO-18-148109	GELC
R-15	958.6	08/03/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.11	—	—	1	µg/L	Y	—	NQ	2017-2339	CAMO-17-141975	GELC
R-15	958.6	05/15/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.2	—	—	1	µg/L	Y	—	NQ	2017-1533	CAMO-17-132204	GELC
R-15	958.6	02/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.14	—	—	1	µg/L	Y	—	NQ	2017-993	CAMO-17-129292	GELC
R-15	958.6	11/15/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.54	—	—	1	µg/L	Y	—	NQ	2017-469	CAMO-17-127247	GELC
R-15	958.6	07/26/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.91	—	—	1	µg/L	Y	—	NQ	2016-1797	CAMO-16-124287	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-15	958.6	05/04/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.04	—	—	1	µg/L	Y	—	NQ	2016-1149	CAMO-16-115274	GELC
R-15	958.6	02/04/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.79	—	—	1	µg/L	Y	—	NQ	2016-697	CAMO-16-110036	GELC
R-28	934.3	08/02/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.95	—	—	0.01	SU	Y	H	NQ	2017-2310	CAMO-17-141976	GELC
R-28	934.3	05/10/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.99	—	—	0.01	SU	Y	H	NQ	2017-1517	CAMO-17-132205	GELC
R-28	934.3	02/07/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.05	—	—	0.01	SU	Y	H	NQ	2017-985	CAMO-17-129293	GELC
R-28	934.3	02/07/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.02	—	—	0.01	SU	Y	H	NQ	2017-985	CAMO-17-129322	GELC
R-28	934.3	07/25/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.92	—	—	0.01	SU	Y	H	NQ	2016-1786	CAMO-16-124291	GELC
R-28	934.3	05/11/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.85	—	—	0.01	SU	Y	H	NQ	2016-1189	CAMO-16-115275	GELC
R-28	934.3	02/11/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.78	—	—	0.01	SU	Y	H	NQ	2016-742	CAMO-16-110037	GELC
R-28	934.3	11/16/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.69	—	—	0.01	SU	Y	H	NQ	2016-350	CAMO-16-106121	GELC
R-28	934.3	08/02/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	78.3	—	—	1.45	mg/L	Y	—	NQ	2017-2310	CAMO-17-141976	GELC
R-28	934.3	05/10/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	81.4	—	—	1.45	mg/L	Y	—	NQ	2017-1517	CAMO-17-132205	GELC
R-28	934.3	02/07/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	78	—	—	1.45	mg/L	Y	—	NQ	2017-985	CAMO-17-129322	GELC
R-28	934.3	02/07/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	79	—	—	1.45	mg/L	Y	—	NQ	2017-985	CAMO-17-129293	GELC
R-28	934.3	07/25/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	75.5	—	—	0.33	mg/L	Y	—	NQ	2016-1786	CAMO-16-124291	GELC
R-28	934.3	05/11/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	76.3	—	—	0.725	mg/L	Y	—	NQ	2016-1189	CAMO-16-115275	GELC
R-28	934.3	02/11/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	77.4	—	—	0.725	mg/L	Y	—	NQ	2016-742	CAMO-16-110037	GELC
R-28	934.3	11/16/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	74.3	—	—	0.725	mg/L	Y	—	NQ	2016-350	CAMO-16-106121	GELC
R-28	934.3	08/02/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0244	—	—	0.017	mg/L	Y	J	J	2017-2310	CAMO-17-141976	GELC
R-28	934.3	02/07/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0356	—	—	0.017	mg/L	Y	J	J	2017-985	CAMO-17-129322	GELC
R-28	934.3	02/07/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0736	—	—	0.017	mg/L	Y	—	NQ	2017-985	CAMO-17-129293	GELC
R-28	934.3	07/25/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0716	—	—	0.017	mg/L	Y	—	NQ	2016-1786	CAMO-16-124291	GELC
R-28	934.3	05/11/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0861	—	—	0.017	mg/L	Y	—	U	2016-1189	CAMO-16-115275	GELC
R-28	934.3	02/11/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.113	—	—	0.017	mg/L	Y	—	NQ	2016-742	CAMO-16-110037	GELC
R-28	934.3	11/16/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0653	—	—	0.017	mg/L	Y	—	U	2016-350	CAMO-16-106121	GELC
R-28	934.3	08/02/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	Y	1.3	—	—	1	µg/L	Y	J	J	2017-2310	CAMO-17-141976	GELC
R-28	934.3	05/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	3	—	—	1	µg/L	Y	U	U	2017-1517	CAMO-17-132205	GELC
R-28	934.3	02/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	3	—	—	1	µg/L	Y	U	U	2017-985	CAMO-17-129293	GELC
R-28	934.3	02/07/17	WG	F	INIT	FD	INORGANIC	SW-846:6020	Antimony	Sb	N	3	—	—	1	µg/L	Y	U	U	2017-985	CAMO-17-129322	GELC
R-28	934.3	07/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	3	—	—	1	µg/L	Y	U	U	2016-1786	CAMO-16-124291	GELC
R-28	934.3	05/11/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	3	—	—	1	µg/L	Y	U	U	2016-1189	CAMO-16-115275	GELC
R-28	934.3	02/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.71	—	—	1.7	µg/L	Y	J	J	2017-985	CAMO-17-129293	GELC
R-28	934.3	02/07/17	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	Y	2.73	—	—	1.7	µg/L	Y	J	J	2017-985	CAMO-17-129322	GELC
R-28	934.3	07/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.28	—	—	1.7	µg/L	Y	J	J	2016-1786	CAMO-16-124291	GELC
R-28	934.3	05/11/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	1.96	—	—	1.7	µg/L	Y	J	J	2016-1189	CAMO-16-115275	GELC
R-28	934.3	02/11/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2016-742	CAMO-16-110037	GELC
R-28	934.3	11/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.84	—	—	1.7	µg/L	Y	J	J	2016-350	CAMO-16-106121	GELC
R-28	934.3	08/02/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	69.4	—	—	1	µg/L	Y	—	NQ	2017-2310	CAMO-17-141976	GELC
R-28	934.3	05/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	80.2	—	—	1	µg/L	Y	—	NQ	2017-1517	CAMO-17-132205	GELC
R-28	934.3	02/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	78.1	—	—	1	µg/L	Y	—	NQ	2017-985	CAMO-17-129293	GELC
R-28	934.3	02/07/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	79.5	—	—	1	µg/L	Y	—	NQ	2017-985	CAMO-17-129322	GELC
R-28	934.3	07/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	66.8	—	—	1	µg/L	Y	—	NQ	2016-1786	CAMO-16-124291	GELC
R-28	934.3	05/11/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	65.3	—	—	1	µg/L	Y	—	NQ	2016-1189	CAMO-16-115275	GELC
R-28	934.3	02/11/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	71.2	—	—	1	µg/L	Y	—	NQ	2016-742	CAMO-16-110037	GELC
R-28	934.3	11/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	68.9	—	—	1	µg/L	Y	—	NQ	2016-350	CAMO-16-106121	GELC
R-28	934.3	08/02/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	19.4	—	—	15	µg/L	Y	J	J	2017-2310	CAMO-17-141976	GELC
R-28	934.3	05/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	25.6	—	—	15	µg/L	Y	J	J	2017-1517	CAMO-17-132205	GELC
R-28	934.3	02/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	22.7	—	—	15	µg/L	Y	J	J	2017-985	CAMO-17-129293	GELC
R-28	934.3	02/07/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	Y	23.6	—	—	15	µg/L	Y	J	J	2017-985	CAMO-17-129322	GELC
R-28	934.3	07/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	24	—	—	15	µg/L	Y	J	J	2016-1786	CAMO-16-124291	GELC
R-28	934.3	05/11/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	18.1	—	—	15	µg/L	Y	J	J	2016-1189	CAMO-16-115275	GELC
R-28	934.3	02/11/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	25.3	—	—	15	µg/L	Y	J	J	2016-742	CAMO-16-110037	GELC
R-28	934.3	11/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	26.3	—	—	15	µg/L	Y	J	J	2016-350	CAMO-16-106121	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-28	934.3	08/02/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.274	—	—	0.067	mg/L	Y	—	NQ	2017-2310	CAMO-17-141976	GELC
R-28	934.3	05/10/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.315	—	—	0.067	mg/L	Y	—	NQ	2017-1517	CAMO-17-132205	GELC
R-28	934.3	02/07/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.3	—	—	0.067	mg/L	Y	—	NQ	2017-985	CAMO-17-129322	GELC
R-28	934.3	02/07/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.3	—	—	0.067	mg/L	Y	—	NQ	2017-985	CAMO-17-129293	GELC
R-28	934.3	07/25/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.287	—	—	0.067	mg/L	Y	—	NQ	2016-1786	CAMO-16-124291	GELC
R-28	934.3	05/11/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.29	—	—	0.067	mg/L	Y	—	NQ	2016-1189	CAMO-16-115275	GELC
R-28	934.3	02/11/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.309	—	—	0.067	mg/L	Y	—	NQ	2016-742	CAMO-16-110037	GELC
R-28	934.3	11/16/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.287	—	—	0.067	mg/L	Y	—	NQ	2016-350	CAMO-16-106121	GELC
R-28	934.3	02/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	1	—	—	0.3	µg/L	Y	U	U	2017-985	CAMO-17-129293	GELC
R-28	934.3	02/07/17	WG	F	INIT	FD	INORGANIC	SW-846:6020	Cadmium	Cd	Y	0.881	—	—	0.3	µg/L	Y	J	J	2017-985	CAMO-17-129322	GELC
R-28	934.3	07/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	1	—	—	0.11	µg/L	Y	U	U	2016-1786	CAMO-16-124291	GELC
R-28	934.3	05/11/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	1	—	—	0.11	µg/L	Y	U	U	2016-1189	CAMO-16-115275	GELC
R-28	934.3	02/11/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	1	—	—	0.11	µg/L	Y	U	U	2016-742	CAMO-16-110037	GELC
R-28	934.3	11/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	1	—	—	0.11	µg/L	Y	U	U	2016-350	CAMO-16-106121	GELC
R-28	934.3	08/02/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	47.2	—	—	0.05	mg/L	Y	—	NQ	2017-2310	CAMO-17-141976	GELC
R-28	934.3	05/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	51.7	—	—	0.05	mg/L	Y	—	NQ	2017-1517	CAMO-17-132205	GELC
R-28	934.3	02/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	46.9	—	—	0.05	mg/L	Y	—	NQ	2017-985	CAMO-17-129293	GELC
R-28	934.3	02/07/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	47.1	—	—	0.05	mg/L	Y	—	NQ	2017-985	CAMO-17-129322	GELC
R-28	934.3	07/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	44.5	—	—	0.05	mg/L	Y	—	NQ	2016-1786	CAMO-16-124291	GELC
R-28	934.3	05/11/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	45.4	—	—	0.05	mg/L	Y	—	NQ	2016-1189	CAMO-16-115275	GELC
R-28	934.3	02/11/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	45.2	—	—	0.05	mg/L	Y	—	NQ	2016-742	CAMO-16-110037	GELC
R-28	934.3	11/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	45.9	—	—	0.05	mg/L	Y	—	NQ	2016-350	CAMO-16-106121	GELC
R-28	934.3	08/02/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	38.9	—	—	0.335	mg/L	Y	—	NQ	2017-2310	CAMO-17-141976	GELC
R-28	934.3	05/10/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	43.8	—	—	0.67	mg/L	Y	—	NQ	2017-1517	CAMO-17-132205	GELC
R-28	934.3	02/07/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	39.3	—	—	0.67	mg/L	Y	—	NQ	2017-985	CAMO-17-129322	GELC
R-28	934.3	02/07/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	38.9	—	—	0.67	mg/L	Y	—	NQ	2017-985	CAMO-17-129293	GELC
R-28	934.3	07/25/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	35.6	—	—	0.67	mg/L	Y	—	NQ	2016-1786	CAMO-16-124291	GELC
R-28	934.3	05/11/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	33.8	—	—	0.67	mg/L	Y	—	NQ	2016-1189	CAMO-16-115275	GELC
R-28	934.3	02/11/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	35.8	—	—	0.67	mg/L	Y	—	NQ	2016-742	CAMO-16-110037	GELC
R-28	934.3	11/16/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	36.3	—	—	0.67	mg/L	Y	—	NQ	2016-350	CAMO-16-106121	GELC
R-28	934.3	08/02/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	466	—	—	3	µg/L	Y	—	NQ	2017-2310	CAMO-17-141976	GELC
R-28	934.3	05/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	501	—	—	3	µg/L	Y	—	NQ	2017-1517	CAMO-17-132205	GELC
R-28	934.3	02/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	545	—	—	3	µg/L	Y	—	NQ	2017-985	CAMO-17-129293	GELC
R-28	934.3	02/07/17	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	550	—	—	3	µg/L	Y	—	NQ	2017-985	CAMO-17-129322	GELC
R-28	934.3	07/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	430	—	—	2	µg/L	Y	—	NQ	2016-1786	CAMO-16-124291	GELC
R-28	934.3	05/11/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	368	—	—	20	µg/L	Y	—	NQ	2016-1189	CAMO-16-115275	GELC
R-28	934.3	02/11/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	404	—	—	2	µg/L	Y	—	NQ	2016-742	CAMO-16-110037	GELC
R-28	934.3	11/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	407	—	—	2	µg/L	Y	—	NQ	2016-350	CAMO-16-106121	GELC
R-28	934.3	08/02/17	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00481	—	—	0.00167	mg/L	Y	J	J	2017-2310	CAMO-17-141992	GELC
R-28	934.3	05/10/17	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00542	—	—	0.00167	mg/L	Y	—	J+	2017-1517	CAMO-17-132225	GELC
R-28	934.3	02/07/17	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00379	—	—	0.00167	mg/L	Y	J	J	2017-985	CAMO-17-129309	GELC
R-28	934.3	02/07/17	WG	UF	INIT	FD	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00398	—	—	0.00167	mg/L	Y	J	J	2017-985	CAMO-17-129321	GELC
R-28	934.3	07/25/16	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00359	—	—	0.00167	mg/L	Y	J	J	2016-1786	CAMO-16-124267	GELC
R-28	934.3	05/11/16	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.005	—	—	0.00167	mg/L	Y	U	U	2016-1189	CAMO-16-115252	GELC
R-28	934.3	02/11/16	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00363	—	—	0.00167	mg/L	Y	J	J-	2016-742	CAMO-16-110019	GELC
R-28	934.3	11/16/15	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00445	—	—	0.00167	mg/L	Y	J	J+	2016-350	CAMO-16-106100	GELC
R-28	934.3	08/02/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.193	—	—	0.033	mg/L	Y	—	NQ	2017-2310	CAMO-17-141976	GELC
R-28	934.3	05/10/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.25	—	—	0.033	mg/L	Y	—	NQ	2017-1517	CAMO-17-132205	GELC
R-28	934.3	02/07/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.203	—	—	0.033	mg/L	Y	—	NQ	2017-985	CAMO-17-129322	GELC
R-28	934.3	02/07/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.193	—	—	0.033	mg/L	Y	—	NQ	2017-985	CAMO-17-129293	GELC
R-28	934.3	07/25/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.22	—	—	0.033	mg/L	Y	—	NQ	2016-1786	CAMO-16-124291	GELC
R-28	934.3	05/11/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.232	—	—	0.033	mg/L	Y	—	NQ	2016-1189	CAMO-16-115275	GELC
R-28	934.3	02/11/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.242	—	—	0.033	mg/L	Y	—	NQ	2016-742	CAMO-16-110037	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-28	934.3	11/16/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.261	—	—	0.033	mg/L	Y	—	NQ	2016-350	CAMO-16-106121	GELC
R-28	934.3	08/02/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	167	—	—	0.453	mg/L	Y	—	NQ	2017-2310	CAMO-17-141976	GELC
R-28	934.3	05/10/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	183	—	—	0.453	mg/L	Y	—	NQ	2017-1517	CAMO-17-132205	GELC
R-28	934.3	02/07/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	165	—	—	0.453	mg/L	Y	—	NQ	2017-985	CAMO-17-129293	GELC
R-28	934.3	02/07/17	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	165	—	—	0.453	mg/L	Y	—	NQ	2017-985	CAMO-17-129322	GELC
R-28	934.3	07/25/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	157	—	—	0.453	mg/L	Y	—	NQ	2016-1786	CAMO-16-124291	GELC
R-28	934.3	05/11/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	160	—	—	0.453	mg/L	Y	—	NQ	2016-1189	CAMO-16-115275	GELC
R-28	934.3	02/11/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	161	—	—	0.453	mg/L	Y	—	NQ	2016-742	CAMO-16-110037	GELC
R-28	934.3	11/16/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	163	—	—	0.453	mg/L	Y	—	NQ	2016-350	CAMO-16-106121	GELC
R-28	934.3	08/02/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	11.8	—	—	0.11	mg/L	Y	—	NQ	2017-2310	CAMO-17-141976	GELC
R-28	934.3	05/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	13.1	—	—	0.11	mg/L	Y	—	NQ	2017-1517	CAMO-17-132205	GELC
R-28	934.3	02/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	11.5	—	—	0.11	mg/L	Y	—	NQ	2017-985	CAMO-17-129293	GELC
R-28	934.3	02/07/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	11.6	—	—	0.11	mg/L	Y	—	NQ	2017-985	CAMO-17-129322	GELC
R-28	934.3	07/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	11.1	—	—	0.11	mg/L	Y	—	NQ	2016-1786	CAMO-16-124291	GELC
R-28	934.3	05/11/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	11.2	—	—	0.11	mg/L	Y	—	NQ	2016-1189	CAMO-16-115275	GELC
R-28	934.3	02/11/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	11.7	—	—	0.11	mg/L	Y	—	NQ	2016-742	CAMO-16-110037	GELC
R-28	934.3	11/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	11.7	—	—	0.11	mg/L	Y	—	NQ	2016-350	CAMO-16-106121	GELC
R-28	934.3	08/02/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.722	—	—	0.2	µg/L	Y	—	NQ	2017-2310	CAMO-17-141976	GELC
R-28	934.3	05/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.698	—	—	0.2	µg/L	Y	—	NQ	2017-1517	CAMO-17-132205	GELC
R-28	934.3	02/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.723	—	—	0.3	µg/L	Y	—	NQ	2017-985	CAMO-17-129293	GELC
R-28	934.3	02/07/17	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.599	—	—	0.3	µg/L	Y	—	NQ	2017-985	CAMO-17-129322	GELC
R-28	934.3	07/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	0.822	—	—	0.165	µg/L	Y	—	U	2016-1786	CAMO-16-124291	GELC
R-28	934.3	05/11/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.679	—	—	0.165	µg/L	Y	—	NQ	2016-1189	CAMO-16-115275	GELC
R-28	934.3	02/11/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	0.93	—	—	0.165	µg/L	Y	—	U	2016-742	CAMO-16-110037	GELC
R-28	934.3	11/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.926	—	—	0.165	µg/L	Y	—	NQ	2016-350	CAMO-16-106121	GELC
R-28	934.3	08/02/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	14.5	—	—	0.6	µg/L	Y	—	NQ	2017-2310	CAMO-17-141976	GELC
R-28	934.3	05/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	15.9	—	—	0.6	µg/L	Y	—	NQ	2017-1517	CAMO-17-132205	GELC
R-28	934.3	02/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	14.7	—	—	0.5	µg/L	Y	—	NQ	2017-985	CAMO-17-129293	GELC
R-28	934.3	02/07/17	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	14.1	—	—	0.5	µg/L	Y	—	NQ	2017-985	CAMO-17-129322	GELC
R-28	934.3	07/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	16.5	—	—	0.5	µg/L	Y	—	NQ	2016-1786	CAMO-16-124291	GELC
R-28	934.3	05/11/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	16.2	—	—	0.5	µg/L	Y	—	NQ	2016-1189	CAMO-16-115275	GELC
R-28	934.3	02/11/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	14.1	—	—	0.5	µg/L	Y	—	NQ	2016-742	CAMO-16-110037	GELC
R-28	934.3	11/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	16.2	—	—	0.5	µg/L	Y	—	NQ	2016-350	CAMO-16-106121	GELC
R-28	934.3	08/02/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	4.2	—	—	0.17	mg/L	Y	—	NQ	2017-2310	CAMO-17-141976	GELC
R-28	934.3	05/10/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	4.26	—	—	0.17	mg/L	Y	—	NQ	2017-1517	CAMO-17-132205	GELC
R-28	934.3	02/07/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	4.4	—	—	0.085	mg/L	Y	—	NQ	2017-985	CAMO-17-129322	GELC
R-28	934.3	02/07/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	4.45	—	—	0.085	mg/L	Y	—	NQ	2017-985	CAMO-17-129293	GELC
R-28	934.3	07/25/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.87	—	—	0.085	mg/L	Y	—	NQ	2016-1786	CAMO-16-124291	GELC
R-28	934.3	05/11/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	4.03	—	—	0.17	mg/L	Y	—	NQ	2016-1189	CAMO-16-115275	GELC
R-28	934.3	02/11/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	4.02	—	—	0.085	mg/L	Y	—	NQ	2016-742	CAMO-16-110037	GELC
R-28	934.3	11/16/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.97	—	—	0.17	mg/L	Y	—	NQ	2016-350	CAMO-16-106121	GELC
R-28	934.3	08/02/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	1.05	—	—	0.05	µg/L	Y	—	NQ	2017-2310	CAMO-17-141976	GELC
R-28	934.3	05/10/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	1.13	—	—	0.05	µg/L	Y	—	NQ	2017-1517	CAMO-17-132205	GELC
R-28	934.3	02/07/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	1.06	—	—	0.05	µg/L	Y	—	NQ	2017-985	CAMO-17-129293	GELC
R-28	934.3	02/07/17	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	1.07	—	—	0.05	µg/L	Y	—	NQ	2017-985	CAMO-17-129322	GELC
R-28	934.3	07/25/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.936	—	—	0.1	µg/L	Y	—	NQ	2016-1786	CAMO-16-124291	GELC
R-28	934.3	05/11/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.959	—	—	0.1	µg/L	Y	—	NQ	2016-1189	CAMO-16-115275	GELC
R-28	934.3	02/11/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.978	—	—	0.05	µg/L	Y	—	NQ	2016-742	CAMO-16-110037	GELC
R-28	934.3	11/16/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	1.09	—	—	0.1	µg/L	Y	—	NQ	2016-350	CAMO-16-106121	GELC
R-28	934.3	08/02/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.72	—	—	0.05	mg/L	Y	—	NQ	2017-2310	CAMO-17-141976	GELC
R-28	934.3	05/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.14	—	—	0.05	mg/L	Y	—	NQ	2017-1517	CAMO-17-132205	GELC
R-28	934.3	02/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.15	—	—	0.05	mg/L	Y	—	NQ	2017-985	CAMO-17-129293	GELC
R-28	934.3	02/07/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	2.14	—	—	0.05	mg/L	Y	—	NQ	2017-985	CAMO-17-129322	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-28	934.3	07/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.68	—	—	0.05	mg/L	Y	—	NQ	2016-1786	CAMO-16-124291	GELC
R-28	934.3	05/11/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.82	—	—	0.05	mg/L	Y	—	NQ	2016-1189	CAMO-16-115275	GELC
R-28	934.3	02/11/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.92	—	—	0.05	mg/L	Y	—	NQ	2016-742	CAMO-16-110037	GELC
R-28	934.3	11/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.76	—	—	0.05	mg/L	Y	—	NQ	2016-350	CAMO-16-106121	GELC
R-28	934.3	08/02/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.8	—	—	0.053	mg/L	Y	—	NQ	2017-2310	CAMO-17-141976	GELC
R-28	934.3	05/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	77.4	—	—	0.053	mg/L	Y	—	NQ	2017-1517	CAMO-17-132205	GELC
R-28	934.3	02/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.1	—	—	0.053	mg/L	Y	—	NQ	2017-985	CAMO-17-129293	GELC
R-28	934.3	02/07/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.3	—	—	0.053	mg/L	Y	—	NQ	2017-985	CAMO-17-129322	GELC
R-28	934.3	07/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.8	—	—	0.053	mg/L	Y	—	NQ	2016-1786	CAMO-16-124291	GELC
R-28	934.3	05/11/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.1	—	—	0.053	mg/L	Y	—	NQ	2016-1189	CAMO-16-115275	GELC
R-28	934.3	02/11/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	76.5	—	—	0.053	mg/L	Y	—	J-	2016-742	CAMO-16-110037	GELC
R-28	934.3	11/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.3	—	—	0.053	mg/L	Y	—	NQ	2016-350	CAMO-16-106121	GELC
R-28	934.3	08/02/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	16.6	—	—	0.1	mg/L	Y	—	NQ	2017-2310	CAMO-17-141976	GELC
R-28	934.3	05/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	18.2	—	—	0.1	mg/L	Y	—	NQ	2017-1517	CAMO-17-132205	GELC
R-28	934.3	02/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	19.4	—	—	0.1	mg/L	Y	—	NQ	2017-985	CAMO-17-129293	GELC
R-28	934.3	02/07/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	19.5	—	—	0.1	mg/L	Y	—	NQ	2017-985	CAMO-17-129322	GELC
R-28	934.3	07/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	16.4	—	—	0.1	mg/L	Y	—	NQ	2016-1786	CAMO-16-124291	GELC
R-28	934.3	05/11/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	15.8	—	—	0.1	mg/L	Y	—	NQ	2016-1189	CAMO-16-115275	GELC
R-28	934.3	02/11/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	15.2	—	—	0.1	mg/L	Y	—	NQ	2016-742	CAMO-16-110037	GELC
R-28	934.3	11/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	15.7	—	—	0.1	mg/L	Y	—	NQ	2016-350	CAMO-16-106121	GELC
R-28	934.3	08/02/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	499	—	—	1	µS/cm	Y	—	NQ	2017-2310	CAMO-17-141976	GELC
R-28	934.3	05/10/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	411	—	—	1	µS/cm	Y	—	NQ	2017-1517	CAMO-17-132205	GELC
R-28	934.3	02/07/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	449	—	—	1	µS/cm	Y	—	NQ	2017-985	CAMO-17-129293	GELC
R-28	934.3	02/07/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	452	—	—	1	µS/cm	Y	—	NQ	2017-985	CAMO-17-129322	GELC
R-28	934.3	07/25/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	414	—	—	3.63	µS/cm	Y	—	NQ	2016-1786	CAMO-16-124291	GELC
R-28	934.3	05/11/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	438	—	—	3.63	µS/cm	Y	—	NQ	2016-1189	CAMO-16-115275	GELC
R-28	934.3	02/11/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	473	—	—	1	µS/cm	Y	—	NQ	2016-742	CAMO-16-110037	GELC
R-28	934.3	11/16/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	439	—	—	1	µS/cm	Y	—	NQ	2016-350	CAMO-16-106121	GELC
R-28	934.3	08/02/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	175	—	—	1	µg/L	Y	—	NQ	2017-2310	CAMO-17-141976	GELC
R-28	934.3	05/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	195	—	—	1	µg/L	Y	—	NQ	2017-1517	CAMO-17-132205	GELC
R-28	934.3	02/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	184	—	—	1	µg/L	Y	—	NQ	2017-985	CAMO-17-129293	GELC
R-28	934.3	02/07/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	186	—	—	1	µg/L	Y	—	NQ	2017-985	CAMO-17-129322	GELC
R-28	934.3	07/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	185	—	—	1	µg/L	Y	—	NQ	2016-1786	CAMO-16-124291	GELC
R-28	934.3	05/11/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	166	—	—	1	µg/L	Y	—	NQ	2016-1189	CAMO-16-115275	GELC
R-28	934.3	02/11/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	172	—	—	1	µg/L	Y	—	NQ	2016-742	CAMO-16-110037	GELC
R-28	934.3	11/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	166	—	—	1	µg/L	Y	—	NQ	2016-350	CAMO-16-106121	GELC
R-28	934.3	08/02/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	55.9	—	—	0.665	mg/L	Y	—	NQ	2017-2310	CAMO-17-141976	GELC
R-28	934.3	05/10/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	64.5	—	—	1.33	mg/L	Y	—	NQ	2017-1517	CAMO-17-132205	GELC
R-28	934.3	02/07/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	59	—	—	1.33	mg/L	Y	—	NQ	2017-985	CAMO-17-129293	GELC
R-28	934.3	02/07/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	59.1	—	—	1.33	mg/L	Y	—	NQ	2017-985	CAMO-17-129322	GELC
R-28	934.3	07/25/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	51	—	—	1.33	mg/L	Y	—	NQ	2016-1786	CAMO-16-124291	GELC
R-28	934.3	05/11/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	48.6	—	—	1.33	mg/L	Y	—	NQ	2016-1189	CAMO-16-115275	GELC
R-28	934.3	02/11/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	51.4	—	—	1.33	mg/L	Y	—	NQ	2016-742	CAMO-16-110037	GELC
R-28	934.3	11/16/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	51.6	—	—	1.33	mg/L	Y	—	NQ	2016-350	CAMO-16-106121	GELC
R-28	934.3	08/02/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	2017-2310	CAMO-17-141976	GELC
R-28	934.3	08/02/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	2017-2310	CAMO-17-141992	GELC
R-28	934.3	05/10/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2017-1517	CAMO-17-132225	GELC
R-28	934.3	05/10/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2017-1517	CAMO-17-132205	GELC
R-28	934.3	08/02/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	337	—	—	3.4	mg/L	Y	—	NQ	2017-2310	CAMO-17-141976	GELC
R-28	934.3	05/10/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	356	—	—	3.4	mg/L	Y	—	NQ	2017-1517	CAMO-17-132205	GELC
R-28	934.3	02/07/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	323	—	—	3.4	mg/L	Y	—	NQ	2017-985	CAMO-17-129293	GELC
R-28	934.3	02/07/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	319	—	—	3.4	mg/L	Y	—	NQ	2017-985	CAMO-17-129322	GELC
R-28	934.3	07/25/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	314	—	—	3.4	mg/L	Y	—	NQ	2016-1786	CAMO-16-124291	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-28	934.3	05/11/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	434	—	—	3.4	mg/L	Y	—	J	2016-1189	CAMO-16-115275	GELC
R-28	934.3	02/11/16	WG	F	RE	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	296	—	—	3.4	mg/L	Y	H	NQ	2016-742	CAMO-16-110037	GELC
R-28	934.3	02/11/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	720	—	—	3.4	mg/L	Y	—	NQ	2016-742	CAMO-16-110037	GELC
R-28	934.3	11/16/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	296	—	—	3.4	mg/L	Y	—	NQ	2016-350	CAMO-16-106121	GELC
R-28	934.3	05/10/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0537	—	—	0.033	mg/L	Y	J	J	2017-1517	CAMO-17-132225	GELC
R-28	934.3	02/07/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.112	—	—	0.033	mg/L	Y	—	NQ	2017-985	CAMO-17-129309	GELC
R-28	934.3	02/07/17	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.176	—	—	0.033	mg/L	Y	—	NQ	2017-985	CAMO-17-129321	GELC
R-28	934.3	07/25/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2016-1786	CAMO-16-124267	GELC
R-28	934.3	05/11/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2016-1189	CAMO-16-115252	GELC
R-28	934.3	02/11/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0762	—	—	0.033	mg/L	Y	J	J	2016-742	CAMO-16-110019	GELC
R-28	934.3	11/16/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2016-350	CAMO-16-106100	GELC
R-28	934.3	08/02/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.667	—	—	0.33	mg/L	Y	J	J	2017-2310	CAMO-17-141992	GELC
R-28	934.3	05/10/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.91	—	—	0.33	mg/L	Y	J	J	2017-1517	CAMO-17-132225	GELC
R-28	934.3	02/07/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.36	—	—	0.33	mg/L	Y	—	NQ	2017-985	CAMO-17-129309	GELC
R-28	934.3	02/07/17	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.33	—	—	0.33	mg/L	Y	—	NQ	2017-985	CAMO-17-129321	GELC
R-28	934.3	07/25/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.597	—	—	0.33	mg/L	Y	J	J	2016-1786	CAMO-16-124267	GELC
R-28	934.3	05/11/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.433	—	—	0.33	mg/L	Y	J	J	2016-1189	CAMO-16-115252	GELC
R-28	934.3	02/11/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.527	—	—	0.33	mg/L	Y	J	J	2016-742	CAMO-16-110019	GELC
R-28	934.3	11/16/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.463	—	—	0.33	mg/L	Y	J	J	2016-350	CAMO-16-106100	GELC
R-28	934.3	05/10/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0327	—	—	0.02	mg/L	Y	J	J	2017-1517	CAMO-17-132205	GELC
R-28	934.3	02/07/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.14	—	—	0.02	mg/L	Y	—	NQ	2017-985	CAMO-17-129322	GELC
R-28	934.3	02/07/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.245	—	—	0.02	mg/L	Y	—	NQ	2017-985	CAMO-17-129293	GELC
R-28	934.3	07/25/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.027	—	—	0.02	mg/L	Y	J	J	2016-1786	CAMO-16-124291	GELC
R-28	934.3	05/11/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.05	—	—	0.02	mg/L	Y	U	U	2016-1189	CAMO-16-115275	GELC
R-28	934.3	02/11/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0536	—	—	0.017	mg/L	Y	—	NQ	2016-742	CAMO-16-110037	GELC
R-28	934.3	11/16/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.05	—	—	0.017	mg/L	Y	U	U	2016-350	CAMO-16-106121	GELC
R-28	934.3	08/02/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.24	—	—	0.067	µg/L	Y	—	NQ	2017-2310	CAMO-17-141976	GELC
R-28	934.3	05/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.32	—	—	0.067	µg/L	Y	—	NQ	2017-1517	CAMO-17-132205	GELC
R-28	934.3	02/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.33	—	—	0.067	µg/L	Y	—	NQ	2017-985	CAMO-17-129293	GELC
R-28	934.3	02/07/17	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	1.35	—	—	0.067	µg/L	Y	—	NQ	2017-985	CAMO-17-129322	GELC
R-28	934.3	07/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.46	—	—	0.067	µg/L	Y	—	NQ	2016-1786	CAMO-16-124291	GELC
R-28	934.3	05/11/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.49	—	—	0.067	µg/L	Y	—	NQ	2016-1189	CAMO-16-115275	GELC
R-28	934.3	02/11/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.47	—	—	0.067	µg/L	Y	—	NQ	2016-742	CAMO-16-110037	GELC
R-28	934.3	11/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.54	—	—	0.067	µg/L	Y	—	NQ	2016-350	CAMO-16-106121	GELC
R-28	934.3	08/02/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.79	—	—	1	µg/L	Y	J	J	2017-2310	CAMO-17-141976	GELC
R-28	934.3	05/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.49	—	—	1	µg/L	Y	J	J	2017-1517	CAMO-17-132205	GELC
R-28	934.3	02/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.72	—	—	1	µg/L	Y	J	J	2017-985	CAMO-17-129293	GELC
R-28	934.3	02/07/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.54	—	—	1	µg/L	Y	J	J	2017-985	CAMO-17-129322	GELC
R-28	934.3	07/25/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.62	—	—	1	µg/L	Y	J	J	2016-1786	CAMO-16-124291	GELC
R-28	934.3	05/11/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.88	—	—	1	µg/L	Y	J	J	2016-1189	CAMO-16-115275	GELC
R-28	934.3	02/11/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.39	—	—	1	µg/L	Y	—	NQ	2016-742	CAMO-16-110037	GELC
R-28	934.3	11/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.18	—	—	1	µg/L	Y	—	NQ	2016-350	CAMO-16-106121	GELC
R-33 S1	995.5	11/07/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.85	—	—	0.01	SU	Y	H	NQ	2018-787	CAMO-18-148059	GELC
R-33 S1	995.5	08/01/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.84	—	—	0.01	SU	Y	H	NQ	2017-2284	CAMO-17-141977	GELC
R-33 S1	995.5	05/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.84	—	—	0.01	SU	Y	H	NQ	2017-1506	CAMO-17-132206	GELC
R-33 S1	995.5	02/13/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.8	—	—	0.01	SU	Y	H	NQ	2017-1011	CAMO-17-129294	GELC
R-33 S1	995.5	11/14/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.81	—	—	0.01	SU	Y	H	NQ	2017-453	CAMO-17-127249	GELC
R-33 S1	995.5	07/26/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.87	—	—	0.01	SU	Y	H	NQ	2016-1797	CAMO-16-124292	GELC
R-33 S1	995.5	05/11/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.81	—	—	0.01	SU	Y	H	NQ	2016-1196	CAMO-16-115276	GELC
R-33 S1	995.5	02/05/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.75	—	—	0.01	SU	Y	H	NQ	2016-699	CAMO-16-110014	GELC
R-33 S1	995.5	02/05/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.77	—	—	0.01	SU	Y	H	NQ	2016-699	CAMO-16-110038	GELC
R-33 S1	995.5	11/07/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66.9	—	—	1.45	mg/L	Y	—	NQ	2018-787	CAMO-18-148059	GELC
R-33 S1	995.5	08/01/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66.4	—	—	1.45	mg/L	Y	—	NQ	2017-2284	CAMO-17-141977	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-33 S1	995.5	05/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.8	—	—	1.45	mg/L	Y	—	NQ	2017-1506	CAMO-17-132206	GELC
R-33 S1	995.5	02/13/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	67	—	—	1.45	mg/L	Y	—	NQ	2017-1011	CAMO-17-129294	GELC
R-33 S1	995.5	11/14/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66.8	—	—	1.45	mg/L	Y	—	NQ	2017-453	CAMO-17-127249	GELC
R-33 S1	995.5	07/26/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66.3	—	—	1.45	mg/L	Y	—	NQ	2016-1797	CAMO-16-124292	GELC
R-33 S1	995.5	05/11/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.5	—	—	0.725	mg/L	Y	—	NQ	2016-1196	CAMO-16-115276	GELC
R-33 S1	995.5	02/05/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.6	—	—	0.725	mg/L	Y	—	NQ	2016-699	CAMO-16-110014	GELC
R-33 S1	995.5	02/05/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.6	—	—	0.725	mg/L	Y	—	NQ	2016-699	CAMO-16-110038	GELC
R-33 S1	995.5	11/07/17	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00694	0.00425	0.0309	—	pCi/L	Y	U	U	2018-787	CAMO-18-148075	GELC
R-33 S1	995.5	11/12/15	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00781	0.013	0.0351	—	pCi/L	Y	U	U	2016-334	CAMO-16-106101	GELC
R-33 S1	995.5	08/06/15	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0101	0.00534	0.0574	—	pCi/L	Y	U	U	2015-2084	CAMO-15-102580	GELC
R-33 S1	995.5	08/06/15	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00356	0.00436	0.0507	—	pCi/L	Y	U	U	2015-2084	CAMO-15-102558	GELC
R-33 S1	995.5	05/12/15	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.00708	0.0462	—	pCi/L	Y	U	U	2015-1190	CAMO-15-95779	GELC
R-33 S1	995.5	02/26/15	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00576	0.00814	0.0484	—	pCi/L	Y	U	U	2015-838	CAMO-15-92676	GELC
R-33 S1	995.5	11/07/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0211	—	—	0.017	mg/L	Y	J	J	2018-787	CAMO-18-148059	GELC
R-33 S1	995.5	08/01/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.017	mg/L	Y	U	U	2017-2284	CAMO-17-141977	GELC
R-33 S1	995.5	05/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0534	—	—	0.017	mg/L	Y	—	U	2017-1506	CAMO-17-132206	GELC
R-33 S1	995.5	02/13/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.017	mg/L	Y	U	U	2017-1011	CAMO-17-129294	GELC
R-33 S1	995.5	11/14/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0303	—	—	0.017	mg/L	Y	J	U	2017-453	CAMO-17-127249	GELC
R-33 S1	995.5	05/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.59	—	—	2	µg/L	Y	J	J	2017-1506	CAMO-17-132206	GELC
R-33 S1	995.5	02/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2	—	—	1.7	µg/L	Y	J	J	2017-1011	CAMO-17-129294	GELC
R-33 S1	995.5	11/14/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	1.7	—	—	1.7	µg/L	Y	J	J	2017-453	CAMO-17-127249	GELC
R-33 S1	995.5	07/26/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	1.79	—	—	1.7	µg/L	Y	J	J	2016-1797	CAMO-16-124292	GELC
R-33 S1	995.5	05/11/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	1.7	—	—	1.7	µg/L	Y	J	J	2016-1196	CAMO-16-115276	GELC
R-33 S1	995.5	02/05/16	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2016-699	CAMO-16-110014	GELC
R-33 S1	995.5	02/05/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2016-699	CAMO-16-110038	GELC
R-33 S1	995.5	11/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	32.6	—	—	1	µg/L	Y	—	NQ	2018-787	CAMO-18-148059	GELC
R-33 S1	995.5	08/01/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	31.7	—	—	1	µg/L	Y	—	NQ	2017-2284	CAMO-17-141977	GELC
R-33 S1	995.5	05/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	33.1	—	—	1	µg/L	Y	—	NQ	2017-1506	CAMO-17-132206	GELC
R-33 S1	995.5	02/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	33	—	—	1	µg/L	Y	—	NQ	2017-1011	CAMO-17-129294	GELC
R-33 S1	995.5	11/14/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	30.7	—	—	1	µg/L	Y	—	NQ	2017-453	CAMO-17-127249	GELC
R-33 S1	995.5	07/26/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	30.6	—	—	1	µg/L	Y	—	NQ	2016-1797	CAMO-16-124292	GELC
R-33 S1	995.5	05/11/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	29.6	—	—	1	µg/L	Y	—	NQ	2016-1196	CAMO-16-115276	GELC
R-33 S1	995.5	02/05/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	32.1	—	—	1	µg/L	Y	—	NQ	2016-699	CAMO-16-110014	GELC
R-33 S1	995.5	02/05/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	31.2	—	—	1	µg/L	Y	—	NQ	2016-699	CAMO-16-110038	GELC
R-33 S1	995.5	11/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.2	—	—	0.05	mg/L	Y	—	NQ	2018-787	CAMO-18-148059	GELC
R-33 S1	995.5	08/01/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.7	—	—	0.05	mg/L	Y	—	NQ	2017-2284	CAMO-17-141977	GELC
R-33 S1	995.5	05/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.3	—	—	0.05	mg/L	Y	—	NQ	2017-1506	CAMO-17-132206	GELC
R-33 S1	995.5	02/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.8	—	—	0.05	mg/L	Y	—	NQ	2017-1011	CAMO-17-129294	GELC
R-33 S1	995.5	11/14/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.5	—	—	0.05	mg/L	Y	—	NQ	2017-453	CAMO-17-127249	GELC
R-33 S1	995.5	07/26/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.4	—	—	0.05	mg/L	Y	—	NQ	2016-1797	CAMO-16-124292	GELC
R-33 S1	995.5	05/11/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.5	—	—	0.05	mg/L	Y	—	NQ	2016-1196	CAMO-16-115276	GELC
R-33 S1	995.5	02/05/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.7	—	—	0.05	mg/L	Y	—	NQ	2016-699	CAMO-16-110014	GELC
R-33 S1	995.5	02/05/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.6	—	—	0.05	mg/L	Y	—	NQ	2016-699	CAMO-16-110038	GELC
R-33 S1	995.5	11/07/17	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.436	1.9	6.35	—	pCi/L	Y	U	U	2018-787	CAMO-18-148075	GELC
R-33 S1	995.5	11/12/15	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.0482	1.5	5.33	—	pCi/L	Y	U	U	2016-334	CAMO-16-106101	GELC
R-33 S1	995.5	08/06/15	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.845	1.76	6.47	—	pCi/L	Y	U	U	2015-2084	CAMO-15-102580	GELC
R-33 S1	995.5	08/06/15	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.696	1.57	5.91	—	pCi/L	Y	U	U	2015-2084	CAMO-15-102558	GELC
R-33 S1	995.5	05/12/15	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.508	1.95	6.77	—	pCi/L	Y	U	U	2015-1190	CAMO-15-95779	GELC
R-33 S1	995.5	02/26/15	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.38	1.72	4.31	—	pCi/L	Y	U	U	2015-838	CAMO-15-92676	GELC
R-33 S1	995.5	11/07/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.2	—	—	0.067	mg/L	Y	—	NQ	2018-787	CAMO-18-148059	GELC
R-33 S1	995.5	08/01/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.23	—	—	0.067	mg/L	Y	—	NQ	2017-2284	CAMO-17-141977	GELC
R-33 S1	995.5	05/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.43	—	—	0.067	mg/L	Y	—	NQ	2017-1506	CAMO-17-132206	GELC
R-33 S1	995.5	02/13/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.2	—	—	0.067	mg/L	Y	—	NQ	2017-1011	CAMO-17-129294	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-33 S1	995.5	11/14/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.33	—	—	0.067	mg/L	Y	—	NQ	2017-453	CAMO-17-127249	GELC
R-33 S1	995.5	07/26/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.22	—	—	0.067	mg/L	Y	—	NQ	2016-1797	CAMO-16-124292	GELC
R-33 S1	995.5	05/11/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.28	—	—	0.067	mg/L	Y	—	NQ	2016-1196	CAMO-16-115276	GELC
R-33 S1	995.5	02/05/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.34	—	—	0.067	mg/L	Y	—	NQ	2016-699	CAMO-16-110014	GELC
R-33 S1	995.5	02/05/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.3	—	—	0.067	mg/L	Y	—	NQ	2016-699	CAMO-16-110038	GELC
R-33 S1	995.5	08/01/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.19	—	—	3	µg/L	Y	J	J	2017-2284	CAMO-17-141977	GELC
R-33 S1	995.5	05/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.28	—	—	3	µg/L	Y	J	J	2017-1506	CAMO-17-132206	GELC
R-33 S1	995.5	02/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.48	—	—	3	µg/L	Y	J	J	2017-1011	CAMO-17-129294	GELC
R-33 S1	995.5	11/14/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.43	—	—	3	µg/L	Y	J	J	2017-453	CAMO-17-127249	GELC
R-33 S1	995.5	07/26/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.48	—	—	2	µg/L	Y	J	J	2016-1797	CAMO-16-124292	GELC
R-33 S1	995.5	05/11/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.88	—	—	2	µg/L	Y	J	J	2016-1196	CAMO-16-115276	GELC
R-33 S1	995.5	02/05/16	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.01	—	—	2	µg/L	Y	J	J	2016-699	CAMO-16-110014	GELC
R-33 S1	995.5	02/05/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.89	—	—	2	µg/L	Y	J	J	2016-699	CAMO-16-110038	GELC
R-33 S1	995.5	11/07/17	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.632	1.57	6.46	—	pCi/L	Y	U	U	2018-787	CAMO-18-148075	GELC
R-33 S1	995.5	11/12/15	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.737	1.31	4.73	—	pCi/L	Y	U	U	2016-334	CAMO-16-106101	GELC
R-33 S1	995.5	08/06/15	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.61	1.21	5.49	—	pCi/L	Y	U	U	2015-2084	CAMO-15-102580	GELC
R-33 S1	995.5	08/06/15	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.59	1.58	6.76	—	pCi/L	Y	U	U	2015-2084	CAMO-15-102558	GELC
R-33 S1	995.5	05/12/15	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.608	1.66	6.2	—	pCi/L	Y	U	U	2015-1190	CAMO-15-95779	GELC
R-33 S1	995.5	02/26/15	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.135	1.39	5.3	—	pCi/L	Y	U	U	2015-838	CAMO-15-92676	GELC
R-33 S1	995.5	11/07/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.163	—	—	0.033	mg/L	Y	—	NQ	2018-787	CAMO-18-148059	GELC
R-33 S1	995.5	08/01/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.14	—	—	0.033	mg/L	Y	—	NQ	2017-2284	CAMO-17-141977	GELC
R-33 S1	995.5	05/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.222	—	—	0.033	mg/L	Y	—	NQ	2017-1506	CAMO-17-132206	GELC
R-33 S1	995.5	02/13/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.178	—	—	0.033	mg/L	Y	—	NQ	2017-1011	CAMO-17-129294	GELC
R-33 S1	995.5	11/14/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.18	—	—	0.033	mg/L	Y	—	NQ	2017-453	CAMO-17-127249	GELC
R-33 S1	995.5	07/26/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.174	—	—	0.033	mg/L	Y	—	NQ	2016-1797	CAMO-16-124292	GELC
R-33 S1	995.5	05/11/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.171	—	—	0.033	mg/L	Y	—	NQ	2016-1196	CAMO-16-115276	GELC
R-33 S1	995.5	02/05/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.198	—	—	0.033	mg/L	Y	—	NQ	2016-699	CAMO-16-110014	GELC
R-33 S1	995.5	02/05/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.174	—	—	0.033	mg/L	Y	—	NQ	2016-699	CAMO-16-110038	GELC
R-33 S1	995.5	11/07/17	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.981	0.709	2.41	—	pCi/L	Y	U	U	2018-787	CAMO-18-148075	GELC
R-33 S1	995.5	11/12/15	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.565	0.638	2.58	—	pCi/L	Y	U	U	2016-334	CAMO-16-106101	GELC
R-33 S1	995.5	08/06/15	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.708	0.822	3	—	pCi/L	Y	U	U	2015-2084	CAMO-15-102580	GELC
R-33 S1	995.5	08/06/15	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	0.166	0.719	2.83	—	pCi/L	Y	U	U	2015-2084	CAMO-15-102558	GELC
R-33 S1	995.5	05/12/15	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.327	0.388	1.33	—	pCi/L	Y	U	U	2015-1190	CAMO-15-95779	GELC
R-33 S1	995.5	02/26/15	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-1.19	0.429	2.57	—	pCi/L	Y	U	U	2015-838	CAMO-15-92676	GELC
R-33 S1	995.5	11/07/17	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	20.4	1.62	2.19	—	pCi/L	Y	—	NQ	2018-787	CAMO-18-148075	GELC
R-33 S1	995.5	11/12/15	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.58	0.722	2.11	—	pCi/L	Y	—	NQ	2016-334	CAMO-16-106101	GELC
R-33 S1	995.5	08/06/15	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.78	0.879	2.8	—	pCi/L	Y	U	U	2015-2084	CAMO-15-102580	GELC
R-33 S1	995.5	08/06/15	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	2.61	0.914	2.71	—	pCi/L	Y	U	U	2015-2084	CAMO-15-102558	GELC
R-33 S1	995.5	05/12/15	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.41	0.493	1.6	—	pCi/L	Y	U	U	2015-1190	CAMO-15-95779	GELC
R-33 S1	995.5	02/26/15	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	1.17	0.345	1.09	—	pCi/L	Y	—	NQ	2015-838	CAMO-15-92676	GELC
R-33 S1	995.5	11/07/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	46.7	—	—	0.453	mg/L	Y	—	NQ	2018-787	CAMO-18-148059	GELC
R-33 S1	995.5	08/01/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	45.3	—	—	0.453	mg/L	Y	—	NQ	2017-2284	CAMO-17-141977	GELC
R-33 S1	995.5	05/09/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	46.6	—	—	0.453	mg/L	Y	—	NQ	2017-1506	CAMO-17-132206	GELC
R-33 S1	995.5	02/13/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	49.4	—	—	0.453	mg/L	Y	—	NQ	2017-1011	CAMO-17-129294	GELC
R-33 S1	995.5	11/14/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	43.9	—	—	0.453	mg/L	Y	—	NQ	2017-453	CAMO-17-127249	GELC
R-33 S1	995.5	07/26/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	43.7	—	—	0.453	mg/L	Y	—	NQ	2016-1797	CAMO-16-124292	GELC
R-33 S1	995.5	05/11/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	43.9	—	—	0.453	mg/L	Y	—	NQ	2016-1196	CAMO-16-115276	GELC
R-33 S1	995.5	02/05/16	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	45.3	—	—	0.453	mg/L	Y	—	NQ	2016-699	CAMO-16-110014	GELC
R-33 S1	995.5	02/05/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	44.8	—	—	0.453	mg/L	Y	—	NQ	2016-699	CAMO-16-110038	GELC
R-33 S1	995.5	11/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.95	—	—	0.11	mg/L	Y	—	NQ	2018-787	CAMO-18-148059	GELC
R-33 S1	995.5	08/01/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.87	—	—	0.11	mg/L	Y	—	NQ	2017-2284	CAMO-17-141977	GELC
R-33 S1	995.5	05/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.86	—	—	0.11	mg/L	Y	—	NQ	2017-1506	CAMO-17-132206	GELC
R-33 S1	995.5	02/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.22	—	—	0.11	mg/L	Y	—	NQ	2017-1011	CAMO-17-129294	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-33 S1	995.5	11/14/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.7	—	—	0.11	mg/L	Y	—	NQ	2017-453	CAMO-17-127249	GELC
R-33 S1	995.5	07/26/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.68	—	—	0.11	mg/L	Y	—	NQ	2016-1797	CAMO-16-124292	GELC
R-33 S1	995.5	05/11/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.68	—	—	0.11	mg/L	Y	—	NQ	2016-1196	CAMO-16-115276	GELC
R-33 S1	995.5	02/05/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.87	—	—	0.11	mg/L	Y	—	NQ	2016-699	CAMO-16-110014	GELC
R-33 S1	995.5	02/05/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.84	—	—	0.11	mg/L	Y	—	NQ	2016-699	CAMO-16-110038	GELC
R-33 S1	995.5	11/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.17	—	—	0.2	µg/L	Y	—	NQ	2018-787	CAMO-18-148059	GELC
R-33 S1	995.5	08/01/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.18	—	—	0.2	µg/L	Y	—	NQ	2017-2284	CAMO-17-141977	GELC
R-33 S1	995.5	05/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.13	—	—	0.2	µg/L	Y	—	NQ	2017-1506	CAMO-17-132206	GELC
R-33 S1	995.5	02/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.21	—	—	0.3	µg/L	Y	—	NQ	2017-1011	CAMO-17-129294	GELC
R-33 S1	995.5	11/14/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.2	—	—	0.3	µg/L	Y	—	NQ	2017-453	CAMO-17-127249	GELC
R-33 S1	995.5	07/26/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.18	—	—	0.165	µg/L	Y	—	NQ	2016-1797	CAMO-16-124292	GELC
R-33 S1	995.5	05/11/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.886	—	—	0.165	µg/L	Y	—	NQ	2016-1196	CAMO-16-115276	GELC
R-33 S1	995.5	02/05/16	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.17	—	—	0.165	µg/L	Y	—	J	2016-699	CAMO-16-110014	GELC
R-33 S1	995.5	02/05/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.22	—	—	0.165	µg/L	Y	—	J	2016-699	CAMO-16-110038	GELC
R-33 S1	995.5	11/07/17	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.17	2.65	9.97	—	pCi/L	Y	U	U	2018-787	CAMO-18-148075	GELC
R-33 S1	995.5	11/12/15	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.893	3.08	9.07	—	pCi/L	Y	U	U	2016-334	CAMO-16-106101	GELC
R-33 S1	995.5	08/06/15	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.29	3	10.3	—	pCi/L	Y	U	U	2015-2084	CAMO-15-102580	GELC
R-33 S1	995.5	08/06/15	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	4.15	3.09	11.5	—	pCi/L	Y	U	U	2015-2084	CAMO-15-102558	GELC
R-33 S1	995.5	05/12/15	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.544	3.38	12	—	pCi/L	Y	U	U	2015-1190	CAMO-15-95779	GELC
R-33 S1	995.5	02/26/15	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.21	2.92	9.52	—	pCi/L	Y	U	U	2015-838	CAMO-15-92676	GELC
R-33 S1	995.5	11/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.22	—	—	0.6	µg/L	Y	J	J	2018-787	CAMO-18-148059	GELC
R-33 S1	995.5	08/01/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.31	—	—	0.6	µg/L	Y	J	J	2017-2284	CAMO-17-141977	GELC
R-33 S1	995.5	05/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.33	—	—	0.6	µg/L	Y	J	J	2017-1506	CAMO-17-132206	GELC
R-33 S1	995.5	02/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.25	—	—	0.5	µg/L	Y	J	J	2017-1011	CAMO-17-129294	GELC
R-33 S1	995.5	11/14/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.768	—	—	0.5	µg/L	Y	J	J	2017-453	CAMO-17-127249	GELC
R-33 S1	995.5	07/26/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.2	—	—	0.5	µg/L	Y	J	J	2016-1797	CAMO-16-124292	GELC
R-33 S1	995.5	05/11/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.861	—	—	0.5	µg/L	Y	J	J	2016-1196	CAMO-16-115276	GELC
R-33 S1	995.5	02/05/16	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.08	—	—	0.5	µg/L	Y	J	J	2016-699	CAMO-16-110014	GELC
R-33 S1	995.5	02/05/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.12	—	—	0.5	µg/L	Y	J	J	2016-699	CAMO-16-110038	GELC
R-33 S1	995.5	11/07/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.465	—	—	0.017	mg/L	Y	—	NQ	2018-787	CAMO-18-148059	GELC
R-33 S1	995.5	08/01/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.544	—	—	0.017	mg/L	Y	—	NQ	2017-2284	CAMO-17-141977	GELC
R-33 S1	995.5	05/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.5	—	—	0.085	mg/L	Y	—	NQ	2017-1506	CAMO-17-132206	GELC
R-33 S1	995.5	02/13/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.5	—	—	0.017	mg/L	Y	—	NQ	2017-1011	CAMO-17-129294	GELC
R-33 S1	995.5	11/14/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.532	—	—	0.017	mg/L	Y	—	NQ	2017-453	CAMO-17-127249	GELC
R-33 S1	995.5	07/26/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.509	—	—	0.017	mg/L	Y	—	NQ	2016-1797	CAMO-16-124292	GELC
R-33 S1	995.5	05/11/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.547	—	—	0.017	mg/L	Y	—	NQ	2016-1196	CAMO-16-115276	GELC
R-33 S1	995.5	02/05/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.49	—	—	0.017	mg/L	Y	—	NQ	2016-699	CAMO-16-110014	GELC
R-33 S1	995.5	02/05/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.487	—	—	0.017	mg/L	Y	—	NQ	2016-699	CAMO-16-110038	GELC
R-33 S1	995.5	11/07/17	WG	F	INIT	REG	GENERAL CHEMISTRY	Generic:Nitrogen Isotope Ratio	Nitrogen-15/Nitrogen-14 Ratio	N15N14	Y	4.175	—	—	—	permil	Y	—	NQ	2018-786	CAMO-18-148059	EES6
R-33 S1	995.5	11/14/16	WG	F	INIT	REG	GENERAL CHEMISTRY	Generic:Nitrogen Isotope Ratio	Nitrogen-15/Nitrogen-14 Ratio	N15N14	Y	4.1422	—	—	—	permil	Y	—	NQ	2017-449	CAMO-17-127249	EES6
R-33 S1	995.5	11/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	Generic:Nitrogen Isotope Ratio	Nitrogen-15/Nitrogen-14 Ratio	N15N14	Y	5.2251	—	—	—	permil	Y	—	NQ	2016-332	CAMO-16-106122	EES6
R-33 S1	995.5	11/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	Generic:Nitrogen Isotope Ratio	Nitrogen-15/Nitrogen-14 Ratio	N15N14	Y	4.18674	—	—	—	permil	Y	—	NQ	2015-245	CAMO-15-90230	EES6
R-33 S1	995.5	07/09/10	WG	F	INIT	REG	GENERAL CHEMISTRY	Generic:Nitrogen Isotope Ratio	Nitrogen-15/Nitrogen-14 Ratio	N15N14	Y	4.0344	—	—	—	permil	N	—	NQ	10-3633	CAMO-10-22884	EES6
R-33 S1	995.5	11/07/17	WG	F	INIT	REG	GENERAL CHEMISTRY	Generic:Oxygen Isotope Ratio	Oxygen-18/Oxygen-16 Ratio from Nitrate	O18O16-NO3	Y	-2.506	—	—	—	permil	Y	—	NQ	2018-786	CAMO-18-148059	EES6
R-33 S1	995.5	11/14/16	WG	F	INIT	REG	GENERAL CHEMISTRY	Generic:Oxygen Isotope Ratio	Oxygen-18/Oxygen-16 Ratio from Nitrate	O18O16-NO3	Y	-3.2602	—	—	—	permil	Y	—	NQ	2017-449	CAMO-17-127249	EES6
R-33 S1	995.5	11/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	Generic:Oxygen Isotope Ratio	Oxygen-18/Oxygen-16 Ratio from Nitrate	O18O16-NO3	Y	-2.7685	—	—	—	permil	Y	—	NQ	2016-332	CAMO-16-106122	EES6
R-33 S1	995.5	11/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	Generic:Oxygen Isotope Ratio	Oxygen-18/Oxygen-16 Ratio from Nitrate	O18O16-NO3	Y	-2.28045	—	—	—	permil	Y	—	NQ	2015-245	CAMO-15-90230	EES6
R-33 S1	995.5	07/09/10	WG	F	INIT	REG	GENERAL CHEMISTRY	Generic:Oxygen Isotope Ratio	Oxygen-18/Oxygen-16 Ratio from Nitrate	O18O16-NO3	Y	-0.396165	—	—	—	permil	N	—	NQ	10-3633	CAMO-10-22884	EES6
R-33 S1	995.5	11/07/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.401	—	—	0.05	µg/L	Y	—	NQ	2018-787	CAMO-18-148059	GELC
R-33 S1	995.5	08/01/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.418	—	—	0.05	µg/L	Y	—	NQ	2017-2284	CAMO-17-141977	GELC
R-33 S1	995.5	05/09/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.435	—	—	0.05	µg/L	Y	—	NQ	2017-1506	CAMO-17-132206	GELC
R-33 S1	995.5	02/13/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.394	—	—	0.05	µg/L	Y	—	NQ	2017-1011	CAMO-17-129294	GELC
R-33 S1	995.5	11/14/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.418	—	—	0.05	µg/L	Y	—	NQ	2017-453	CAMO-17-127249	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-33 S1	995.5	07/26/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.376	—	—	0.05	µg/L	Y	—	NQ	2016-1797	CAMO-16-124292	GELC
R-33 S1	995.5	05/11/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.382	—	—	0.05	µg/L	Y	—	NQ	2016-1196	CAMO-16-115276	GELC
R-33 S1	995.5	02/05/16	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.392	—	—	0.05	µg/L	Y	—	NQ	2016-699	CAMO-16-110014	GELC
R-33 S1	995.5	02/05/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.382	—	—	0.05	µg/L	Y	—	NQ	2016-699	CAMO-16-110038	GELC
R-33 S1	995.5	11/07/17	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0147	0.0116	0.054	—	pCi/L	Y	U	U	2018-787	CAMO-18-148075	GELC
R-33 S1	995.5	11/12/15	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.00448	0.0262	—	pCi/L	Y	U	U	2016-334	CAMO-16-106101	GELC
R-33 S1	995.5	08/06/15	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00801	0.00491	0.0333	—	pCi/L	Y	U	U	2015-2084	CAMO-15-102580	GELC
R-33 S1	995.5	08/06/15	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.000000000667	0.0049	0.0332	—	pCi/L	Y	U	U	2015-2084	CAMO-15-102558	GELC
R-33 S1	995.5	05/12/15	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.00644	0.0439	—	pCi/L	Y	U	U	2015-1190	CAMO-15-95779	GELC
R-33 S1	995.5	02/26/15	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0277	0.011	0.0475	—	pCi/L	Y	U	U	2015-838	CAMO-15-92676	GELC
R-33 S1	995.5	11/07/17	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00732	0.0104	0.0772	—	pCi/L	Y	U	U	2018-787	CAMO-18-148075	GELC
R-33 S1	995.5	11/12/15	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00671	0.00742	0.0503	—	pCi/L	Y	U	U	2016-334	CAMO-16-106101	GELC
R-33 S1	995.5	08/06/15	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00601	0.00448	0.0443	—	pCi/L	Y	U	U	2015-2084	CAMO-15-102580	GELC
R-33 S1	995.5	08/06/15	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00000000167	0.00693	0.0443	—	pCi/L	Y	U	U	2015-2084	CAMO-15-102558	GELC
R-33 S1	995.5	05/12/15	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00322	0.0147	0.0802	—	pCi/L	Y	U	U	2015-1190	CAMO-15-95779	GELC
R-33 S1	995.5	02/26/15	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0176	0.00836	0.0615	—	pCi/L	Y	U	U	2015-838	CAMO-15-92676	GELC
R-33 S1	995.5	11/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.57	—	—	0.05	mg/L	Y	—	NQ	2018-787	CAMO-18-148059	GELC
R-33 S1	995.5	08/01/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.44	—	—	0.05	mg/L	Y	—	NQ	2017-2284	CAMO-17-141977	GELC
R-33 S1	995.5	05/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.63	—	—	0.05	mg/L	Y	—	NQ	2017-1506	CAMO-17-132206	GELC
R-33 S1	995.5	02/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.51	—	—	0.05	mg/L	Y	—	NQ	2017-1011	CAMO-17-129294	GELC
R-33 S1	995.5	11/14/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.43	—	—	0.05	mg/L	Y	—	NQ	2017-453	CAMO-17-127249	GELC
R-33 S1	995.5	07/26/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.7	—	—	0.05	mg/L	Y	—	NQ	2016-1797	CAMO-16-124292	GELC
R-33 S1	995.5	05/11/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.49	—	—	0.05	mg/L	Y	—	NQ	2016-1196	CAMO-16-115276	GELC
R-33 S1	995.5	02/05/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	1.5	—	—	0.05	mg/L	Y	—	NQ	2016-699	CAMO-16-110014	GELC
R-33 S1	995.5	02/05/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.47	—	—	0.05	mg/L	Y	—	NQ	2016-699	CAMO-16-110038	GELC
R-33 S1	995.5	11/07/17	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	47.1	21.5	55.9	—	pCi/L	Y	U	U	2018-787	CAMO-18-148075	GELC
R-33 S1	995.5	11/12/15	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-23.8	14.9	53.9	—	pCi/L	Y	U	U	2016-334	CAMO-16-106101	GELC
R-33 S1	995.5	08/06/15	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-8.24	18.2	68.3	—	pCi/L	Y	U	U	2015-2084	CAMO-15-102580	GELC
R-33 S1	995.5	08/06/15	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-10.4	19.9	77.2	—	pCi/L	Y	U	U	2015-2084	CAMO-15-102558	GELC
R-33 S1	995.5	05/12/15	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	32.5	20.6	51.8	—	pCi/L	Y	U	U	2015-1190	CAMO-15-95779	GELC
R-33 S1	995.5	02/26/15	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-25.6	18.6	66.5	—	pCi/L	Y	U	U	2015-838	CAMO-15-92676	GELC
R-33 S1	995.5	11/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	76.5	—	—	0.053	mg/L	Y	—	J-	2018-787	CAMO-18-148059	GELC
R-33 S1	995.5	08/01/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.3	—	—	0.053	mg/L	Y	—	NQ	2017-2284	CAMO-17-141977	GELC
R-33 S1	995.5	05/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	79.8	—	—	0.053	mg/L	Y	—	NQ	2017-1506	CAMO-17-132206	GELC
R-33 S1	995.5	02/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	78.4	—	—	0.053	mg/L	Y	—	J-	2017-1011	CAMO-17-129294	GELC
R-33 S1	995.5	11/14/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	72.8	—	—	0.053	mg/L	Y	—	J+	2017-453	CAMO-17-127249	GELC
R-33 S1	995.5	07/26/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	76.5	—	—	0.053	mg/L	Y	—	NQ	2016-1797	CAMO-16-124292	GELC
R-33 S1	995.5	05/11/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.3	—	—	0.053	mg/L	Y	—	NQ	2016-1196	CAMO-16-115276	GELC
R-33 S1	995.5	02/05/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	79.2	—	—	0.053	mg/L	Y	—	NQ	2016-699	CAMO-16-110014	GELC
R-33 S1	995.5	02/05/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	77.7	—	—	0.053	mg/L	Y	—	NQ	2016-699	CAMO-16-110038	GELC
R-33 S1	995.5	11/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.7	—	—	0.1	mg/L	Y	—	NQ	2018-787	CAMO-18-148059	GELC
R-33 S1	995.5	08/01/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.7	—	—	0.1	mg/L	Y	—	NQ	2017-2284	CAMO-17-141977	GELC
R-33 S1	995.5	05/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.9	—	—	0.1	mg/L	Y	—	NQ	2017-1506	CAMO-17-132206	GELC
R-33 S1	995.5	02/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.2	—	—	0.1	mg/L	Y	—	NQ	2017-1011	CAMO-17-129294	GELC
R-33 S1	995.5	11/14/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.7	—	—	0.1	mg/L	Y	N	J+	2017-453	CAMO-17-127249	GELC
R-33 S1	995.5	07/26/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	18.4	—	—	0.1	mg/L	Y	—	NQ	2016-1797	CAMO-16-124292	GELC
R-33 S1	995.5	05/11/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.7	—	—	0.1	mg/L	Y	—	NQ	2016-1196	CAMO-16-115276	GELC
R-33 S1	995.5	02/05/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.1	—	—	0.1	mg/L	Y	—	NQ	2016-699	CAMO-16-110014	GELC
R-33 S1	995.5	02/05/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.9	—	—	0.1	mg/L	Y	—	NQ	2016-699	CAMO-16-110038	GELC
R-33 S1	995.5	11/07/17	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	2.53	1.64	7.34	—	pCi/L	Y	U	U	2018-787	CAMO-18-148075	GELC
R-33 S1	995.5	11/12/15	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.45	1.03	3.42	—	pCi/L	Y	U	U	2016-334	CAMO-16-106101	GELC
R-33 S1	995.5	08/06/15	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.298	1.44	5.7	—	pCi/L	Y	U	U	2015-2084	CAMO-15-102580	GELC
R-33 S1	995.5	08/06/15	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.69	1.56	5.3	—	pCi/L	Y	U	U	2015-2084	CAMO-15-102558	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-33 S1	995.5	05/12/15	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	3.73	1.08	6.75	—	pCi/L	Y	U	U	2015-1190	CAMO-15-95779	GELC
R-33 S1	995.5	02/26/15	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.94	1.45	4.87	—	pCi/L	Y	U	U	2015-838	CAMO-15-92676	GELC
R-33 S1	995.5	11/07/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	149	—	—	1	µS/cm	Y	—	NQ	2018-787	CAMO-18-148059	GELC
R-33 S1	995.5	08/01/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	156	—	—	1	µS/cm	Y	—	NQ	2017-2284	CAMO-17-141977	GELC
R-33 S1	995.5	05/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	131	—	—	1	µS/cm	Y	—	NQ	2017-1506	CAMO-17-132206	GELC
R-33 S1	995.5	02/13/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	142	—	—	1	µS/cm	Y	—	NQ	2017-1011	CAMO-17-129294	GELC
R-33 S1	995.5	11/14/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	143	—	—	1	µS/cm	Y	—	NQ	2017-453	CAMO-17-127249	GELC
R-33 S1	995.5	07/26/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	136	—	—	3.63	µS/cm	Y	—	NQ	2016-1797	CAMO-16-124292	GELC
R-33 S1	995.5	05/11/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	130	—	—	3.63	µS/cm	Y	—	NQ	2016-1196	CAMO-16-115276	GELC
R-33 S1	995.5	02/05/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	156	—	—	1	µS/cm	Y	—	NQ	2016-699	CAMO-16-110014	GELC
R-33 S1	995.5	02/05/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	158	—	—	1	µS/cm	Y	—	NQ	2016-699	CAMO-16-110038	GELC
R-33 S1	995.5	11/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	48.7	—	—	1	µg/L	Y	—	NQ	2018-787	CAMO-18-148059	GELC
R-33 S1	995.5	08/01/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	48.8	—	—	1	µg/L	Y	—	NQ	2017-2284	CAMO-17-141977	GELC
R-33 S1	995.5	05/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	52.9	—	—	1	µg/L	Y	—	NQ	2017-1506	CAMO-17-132206	GELC
R-33 S1	995.5	02/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	50.7	—	—	1	µg/L	Y	—	NQ	2017-1011	CAMO-17-129294	GELC
R-33 S1	995.5	11/14/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	47.2	—	—	1	µg/L	Y	—	NQ	2017-453	CAMO-17-127249	GELC
R-33 S1	995.5	07/26/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	45.6	—	—	1	µg/L	Y	—	NQ	2016-1797	CAMO-16-124292	GELC
R-33 S1	995.5	05/11/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	47	—	—	1	µg/L	Y	—	NQ	2016-1196	CAMO-16-115276	GELC
R-33 S1	995.5	02/05/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	47.9	—	—	1	µg/L	Y	—	NQ	2016-699	CAMO-16-110014	GELC
R-33 S1	995.5	02/05/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	47.4	—	—	1	µg/L	Y	—	NQ	2016-699	CAMO-16-110038	GELC
R-33 S1	995.5	11/07/17	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0466	0.0887	0.359	—	pCi/L	Y	U	U	2018-787	CAMO-18-148075	GELC
R-33 S1	995.5	11/12/15	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.135	0.118	0.476	—	pCi/L	Y	U	U	2016-334	CAMO-16-106101	GELC
R-33 S1	995.5	08/06/15	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.186	0.128	0.475	—	pCi/L	Y	U	U	2015-2084	CAMO-15-102580	GELC
R-33 S1	995.5	08/06/15	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.17	0.118	0.439	—	pCi/L	Y	U	U	2015-2084	CAMO-15-102558	GELC
R-33 S1	995.5	05/12/15	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.137	0.13	0.485	—	pCi/L	Y	U	U	2015-1190	CAMO-15-95779	GELC
R-33 S1	995.5	02/26/15	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.158	0.141	0.481	—	pCi/L	Y	U	U	2015-838	CAMO-15-92676	GELC
R-33 S1	995.5	11/07/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.37	—	—	0.133	mg/L	Y	—	NQ	2018-787	CAMO-18-148059	GELC
R-33 S1	995.5	08/01/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.44	—	—	0.133	mg/L	Y	—	J+	2017-2284	CAMO-17-141977	GELC
R-33 S1	995.5	05/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.7	—	—	0.133	mg/L	Y	—	NQ	2017-1506	CAMO-17-132206	GELC
R-33 S1	995.5	02/13/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.22	—	—	0.133	mg/L	Y	—	NQ	2017-1011	CAMO-17-129294	GELC
R-33 S1	995.5	11/14/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.45	—	—	0.133	mg/L	Y	—	NQ	2017-453	CAMO-17-127249	GELC
R-33 S1	995.5	07/26/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.29	—	—	0.133	mg/L	Y	—	NQ	2016-1797	CAMO-16-124292	GELC
R-33 S1	995.5	05/11/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.32	—	—	0.133	mg/L	Y	—	NQ	2016-1196	CAMO-16-115276	GELC
R-33 S1	995.5	02/05/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.32	—	—	0.133	mg/L	Y	—	NQ	2016-699	CAMO-16-110014	GELC
R-33 S1	995.5	02/05/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.36	—	—	0.133	mg/L	Y	—	NQ	2016-699	CAMO-16-110038	GELC
R-33 S1	995.5	11/07/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-787	CAMO-18-148059	GELC
R-33 S1	995.5	11/07/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-787	CAMO-18-148075	GELC
R-33 S1	995.5	08/01/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	2017-2284	CAMO-17-141993	GELC
R-33 S1	995.5	08/01/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	2017-2284	CAMO-17-141977	GELC
R-33 S1	995.5	05/09/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2017-1506	CAMO-17-132206	GELC
R-33 S1	995.5	05/09/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2017-1506	CAMO-17-132226	GELC
R-33 S1	995.5	08/01/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	3.29	—	—	2.5	µg/L	Y	J	J	2017-2284	CAMO-17-141977	GELC
R-33 S1	995.5	05/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	2017-1506	CAMO-17-132206	GELC
R-33 S1	995.5	02/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	2017-1011	CAMO-17-129294	GELC
R-33 S1	995.5	11/14/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	2017-453	CAMO-17-127249	GELC
R-33 S1	995.5	07/26/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	2016-1797	CAMO-16-124292	GELC
R-33 S1	995.5	11/07/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	160	—	—	3.4	mg/L	Y	—	NQ	2018-787	CAMO-18-148059	GELC
R-33 S1	995.5	08/01/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	157	—	—	3.4	mg/L	Y	—	NQ	2017-2284	CAMO-17-141977	GELC
R-33 S1	995.5	05/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	153	—	—	3.4	mg/L	Y	—	J	2017-1506	CAMO-17-132206	GELC
R-33 S1	995.5	02/13/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	129	—	—	3.4	mg/L	Y	—	NQ	2017-1011	CAMO-17-129294	GELC
R-33 S1	995.5	11/14/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	133	—	—	3.4	mg/L	Y	—	NQ	2017-453	CAMO-17-127249	GELC
R-33 S1	995.5	07/26/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	139	—	—	3.4	mg/L	Y	—	J	2016-1797	CAMO-16-124292	GELC
R-33 S1	995.5	05/11/16	WG	F	RE	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	151	—	—	3.4	mg/L	N	H	NQ	2016-1196	CAMO-16-115276	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-33 S1	995.5	05/11/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	177	—	—	3.4	mg/L	Y	—	NQ	2016-1196	CAMO-16-115276	GELC
R-33 S1	995.5	02/05/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	129	—	—	3.4	mg/L	Y	—	NQ	2016-699	CAMO-16-110014	GELC
R-33 S1	995.5	02/05/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	119	—	—	3.4	mg/L	Y	—	NQ	2016-699	CAMO-16-110038	GELC
R-33 S1	995.5	05/09/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.123	—	—	0.033	mg/L	Y	—	NQ	2017-1506	CAMO-17-132226	GELC
R-33 S1	995.5	02/13/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.106	—	—	0.033	mg/L	Y	—	NQ	2017-1011	CAMO-17-129310	GELC
R-33 S1	995.5	11/14/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2017-453	CAMO-17-127229	GELC
R-33 S1	995.5	07/26/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2016-1797	CAMO-16-124268	GELC
R-33 S1	995.5	05/11/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2016-1196	CAMO-16-115253	GELC
R-33 S1	995.5	02/05/16	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2016-699	CAMO-16-110012	GELC
R-33 S1	995.5	02/05/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2016-699	CAMO-16-110020	GELC
R-33 S1	995.5	05/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0422	—	—	0.02	mg/L	Y	J	J	2017-1506	CAMO-17-132206	GELC
R-33 S1	995.5	02/13/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.171	—	—	0.02	mg/L	Y	—	NQ	2017-1011	CAMO-17-129294	GELC
R-33 S1	995.5	11/14/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0442	—	—	0.02	mg/L	Y	J	J	2017-453	CAMO-17-127249	GELC
R-33 S1	995.5	07/26/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0489	—	—	0.02	mg/L	Y	J	J	2016-1797	CAMO-16-124292	GELC
R-33 S1	995.5	05/11/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0599	—	—	0.02	mg/L	Y	—	NQ	2016-1196	CAMO-16-115276	GELC
R-33 S1	995.5	02/05/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.05	—	—	0.017	mg/L	Y	U	U	2016-699	CAMO-16-110014	GELC
R-33 S1	995.5	02/05/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.05	—	—	0.017	mg/L	Y	U	U	2016-699	CAMO-16-110038	GELC
R-33 S1	995.5	11/07/17	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.093	0.8	2.722	—	pCi/L	Y	U	U	2018-835	CAMO-18-148075	ARSL
R-33 S1	995.5	11/14/16	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.528	0.628	2.162	—	pCi/L	Y	U	U	2017-493	CAMO-17-127229	ARSL
R-33 S1	995.5	11/12/15	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.164	0.61	2.086	—	pCi/L	Y	U	U	2016-379	CAMO-16-106101	ARSL
R-33 S1	995.5	11/06/14	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	2.035	0.778	2.289	—	pCi/L	Y	U	U	2015-313	CAMO-15-90213	ARSL
R-33 S1	995.5	07/10/13	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.983	0.644	2.063	—	pCi/L	Y	U	U	2013-1100Af	CAMO-13-37037	ARSL
R-33 S1	995.5	11/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.788	—	—	0.067	µg/L	Y	—	NQ	2018-787	CAMO-18-148059	GELC
R-33 S1	995.5	08/01/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.83	—	—	0.067	µg/L	Y	—	NQ	2017-2284	CAMO-17-141977	GELC
R-33 S1	995.5	05/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.833	—	—	0.067	µg/L	Y	—	J	2017-1506	CAMO-17-132206	GELC
R-33 S1	995.5	02/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.814	—	—	0.067	µg/L	Y	—	NQ	2017-1011	CAMO-17-129294	GELC
R-33 S1	995.5	11/14/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.857	—	—	0.067	µg/L	Y	—	NQ	2017-453	CAMO-17-127249	GELC
R-33 S1	995.5	07/26/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.841	—	—	0.067	µg/L	Y	—	NQ	2016-1797	CAMO-16-124292	GELC
R-33 S1	995.5	05/11/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.817	—	—	0.067	µg/L	Y	—	NQ	2016-1196	CAMO-16-115276	GELC
R-33 S1	995.5	02/05/16	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.98	—	—	0.067	µg/L	Y	—	NQ	2016-699	CAMO-16-110014	GELC
R-33 S1	995.5	02/05/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.962	—	—	0.067	µg/L	Y	—	NQ	2016-699	CAMO-16-110038	GELC
R-33 S1	995.5	11/07/17	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.522	0.0396	0.138	—	pCi/L	Y	—	NQ	2018-787	CAMO-18-148075	GELC
R-33 S1	995.5	11/12/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.506	0.0318	0.0639	—	pCi/L	Y	—	NQ	2016-334	CAMO-16-106101	GELC
R-33 S1	995.5	08/06/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.503	0.0302	0.0788	—	pCi/L	Y	—	NQ	2015-2084	CAMO-15-102580	GELC
R-33 S1	995.5	08/06/15	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.526	0.0327	0.087	—	pCi/L	Y	—	NQ	2015-2084	CAMO-15-102558	GELC
R-33 S1	995.5	05/12/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.495	0.0393	0.0664	—	pCi/L	Y	—	NQ	2015-1190	CAMO-15-95779	GELC
R-33 S1	995.5	02/26/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.484	0.0365	0.102	—	pCi/L	Y	—	NQ	2015-838	CAMO-15-92676	GELC
R-33 S1	995.5	11/07/17	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0412	0.0146	0.0597	—	pCi/L	Y	U	U	2018-787	CAMO-18-148075	GELC
R-33 S1	995.5	11/12/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0169	0.00802	0.0557	—	pCi/L	Y	U	U	2016-334	CAMO-16-106101	GELC
R-33 S1	995.5	08/06/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0723	0.013	0.0523	—	pCi/L	Y	—	NQ	2015-2084	CAMO-15-102580	GELC
R-33 S1	995.5	08/06/15	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0435	0.0118	0.0577	—	pCi/L	Y	U	U	2015-2084	CAMO-15-102558	GELC
R-33 S1	995.5	05/12/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.018	0.0119	0.0425	—	pCi/L	Y	U	U	2015-1190	CAMO-15-95779	GELC
R-33 S1	995.5	02/26/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0294	0.0118	0.0639	—	pCi/L	Y	U	U	2015-838	CAMO-15-92676	GELC
R-33 S1	995.5	11/07/17	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.391	0.0346	0.0809	—	pCi/L	Y	—	NQ	2018-787	CAMO-18-148075	GELC
R-33 S1	995.5	11/12/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.264	0.0231	0.0631	—	pCi/L	Y	—	NQ	2016-334	CAMO-16-106101	GELC
R-33 S1	995.5	08/06/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.319	0.0243	0.0494	—	pCi/L	Y	—	NQ	2015-2084	CAMO-15-102580	GELC
R-33 S1	995.5	08/06/15	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.317	0.0254	0.0545	—	pCi/L	Y	—	NQ	2015-2084	CAMO-15-102558	GELC
R-33 S1	995.5	05/12/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.346	0.0325	0.056	—	pCi/L	Y	—	J	2015-1190	CAMO-15-95779	GELC
R-33 S1	995.5	02/26/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.235	0.0252	0.0521	—	pCi/L	Y	—	J	2015-838	CAMO-15-92676	GELC
R-33 S1	995.5	11/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.83	—	—	1	µg/L	Y	—	NQ	2018-787	CAMO-18-148059	GELC
R-33 S1	995.5	08/01/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.7	—	—	1	µg/L	Y	—	NQ	2017-2284	CAMO-17-141977	GELC
R-33 S1	995.5	05/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.12	—	—	1	µg/L	Y	—	NQ	2017-1506	CAMO-17-132206	GELC
R-33 S1	995.5	02/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.93	—	—	1	µg/L	Y	—	NQ	2017-1011	CAMO-17-129294	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-33 S1	995.5	11/14/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.27	—	—	1	µg/L	Y	—	NQ	2017-453	CAMO-17-127249	GELC
R-33 S1	995.5	07/26/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.98	—	—	1	µg/L	Y	—	NQ	2016-1797	CAMO-16-124292	GELC
R-33 S1	995.5	05/11/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.38	—	—	1	µg/L	Y	—	NQ	2016-1196	CAMO-16-115276	GELC
R-33 S1	995.5	02/05/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.17	—	—	1	µg/L	Y	—	NQ	2016-699	CAMO-16-110014	GELC
R-33 S1	995.5	02/05/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.33	—	—	1	µg/L	Y	—	NQ	2016-699	CAMO-16-110038	GELC
R-33 S1	995.5	11/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	5.74	—	—	3.3	µg/L	Y	J	J	2018-787	CAMO-18-148059	GELC
R-33 S1	995.5	08/01/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	2017-2284	CAMO-17-141977	GELC
R-33 S1	995.5	05/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2017-1506	CAMO-17-132206	GELC
R-33 S1	995.5	02/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2017-1011	CAMO-17-129294	GELC
R-33 S1	995.5	11/14/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2017-453	CAMO-17-127249	GELC
R-33 S2	1112.4	11/07/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.91	—	—	0.01	SU	Y	H	NQ	2018-787	CAMO-18-148060	GELC
R-33 S2	1112.4	08/01/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.93	—	—	0.01	SU	Y	H	NQ	2017-2284	CAMO-17-141978	GELC
R-33 S2	1112.4	05/10/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.95	—	—	0.01	SU	Y	H	NQ	2017-1516	CAMO-17-132207	GELC
R-33 S2	1112.4	02/13/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.96	—	—	0.01	SU	Y	H	NQ	2017-1011	CAMO-17-129295	GELC
R-33 S2	1112.4	11/14/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.91	—	—	0.01	SU	Y	H	NQ	2017-453	CAMO-17-127250	GELC
R-33 S2	1112.4	07/26/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.94	—	—	0.01	SU	Y	H	NQ	2016-1797	CAMO-16-124293	GELC
R-33 S2	1112.4	05/11/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.94	—	—	0.01	SU	Y	H	NQ	2016-1196	CAMO-16-115277	GELC
R-33 S2	1112.4	02/05/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.87	—	—	0.01	SU	Y	H	NQ	2016-699	CAMO-16-110039	GELC
R-33 S2	1112.4	11/07/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	67.5	—	—	1.45	mg/L	Y	—	NQ	2018-787	CAMO-18-148060	GELC
R-33 S2	1112.4	08/01/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	69.8	—	—	1.45	mg/L	Y	—	NQ	2017-2284	CAMO-17-141978	GELC
R-33 S2	1112.4	05/10/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	72.8	—	—	1.45	mg/L	Y	—	NQ	2017-1516	CAMO-17-132207	GELC
R-33 S2	1112.4	02/13/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	69	—	—	1.45	mg/L	Y	—	NQ	2017-1011	CAMO-17-129295	GELC
R-33 S2	1112.4	11/14/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.8	—	—	1.45	mg/L	Y	—	NQ	2017-453	CAMO-17-127250	GELC
R-33 S2	1112.4	07/26/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66.3	—	—	1.45	mg/L	Y	—	NQ	2016-1797	CAMO-16-124293	GELC
R-33 S2	1112.4	05/11/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.5	—	—	0.725	mg/L	Y	—	NQ	2016-1196	CAMO-16-115277	GELC
R-33 S2	1112.4	02/05/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66.1	—	—	0.725	mg/L	Y	—	NQ	2016-699	CAMO-16-110039	GELC
R-33 S2	1112.4	11/07/17	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00198	0.00656	0.0352	—	pCi/L	Y	U	U	2018-787	CAMO-18-148076	GELC
R-33 S2	1112.4	11/12/15	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0061	0.00538	0.0275	—	pCi/L	Y	U	U	2016-334	CAMO-16-106102	GELC
R-33 S2	1112.4	08/06/15	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00000000131	0.00619	0.0557	—	pCi/L	Y	U	U	2015-2084	CAMO-15-102581	GELC
R-33 S2	1112.4	05/12/15	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00314	0.00832	0.0581	—	pCi/L	Y	U	U	2015-1190	CAMO-15-95780	GELC
R-33 S2	1112.4	02/26/15	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.017	0.0118	0.0522	—	pCi/L	Y	U	U	2015-838	CAMO-15-92677	GELC
R-33 S2	1112.4	08/01/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0533	—	—	0.017	mg/L	Y	—	NQ	2017-2284	CAMO-17-141978	GELC
R-33 S2	1112.4	02/13/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0587	—	—	0.017	mg/L	Y	—	NQ	2017-1011	CAMO-17-129295	GELC
R-33 S2	1112.4	11/14/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0211	—	—	0.017	mg/L	Y	J	U	2017-453	CAMO-17-127250	GELC
R-33 S2	1112.4	07/26/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0285	—	—	0.017	mg/L	Y	J	J	2016-1797	CAMO-16-124293	GELC
R-33 S2	1112.4	05/11/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0292	—	—	0.017	mg/L	Y	J	U	2016-1196	CAMO-16-115277	GELC
R-33 S2	1112.4	02/05/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.017	mg/L	Y	U	U	2016-699	CAMO-16-110039	GELC
R-33 S2	1112.4	02/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	1.97	—	—	1.7	µg/L	Y	J	J	2017-1011	CAMO-17-129295	GELC
R-33 S2	1112.4	11/14/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2017-453	CAMO-17-127250	GELC
R-33 S2	1112.4	07/26/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	1.76	—	—	1.7	µg/L	Y	J	J	2016-1797	CAMO-16-124293	GELC
R-33 S2	1112.4	05/11/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2016-1196	CAMO-16-115277	GELC
R-33 S2	1112.4	02/05/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2016-699	CAMO-16-110039	GELC
R-33 S2	1112.4	11/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	35.3	—	—	1	µg/L	Y	—	NQ	2018-787	CAMO-18-148060	GELC
R-33 S2	1112.4	08/01/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	36.1	—	—	1	µg/L	Y	—	NQ	2017-2284	CAMO-17-141978	GELC
R-33 S2	1112.4	05/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	35.5	—	—	1	µg/L	Y	—	NQ	2017-1516	CAMO-17-132207	GELC
R-33 S2	1112.4	02/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	36.8	—	—	1	µg/L	Y	—	NQ	2017-1011	CAMO-17-129295	GELC
R-33 S2	1112.4	11/14/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	35	—	—	1	µg/L	Y	—	NQ	2017-453	CAMO-17-127250	GELC
R-33 S2	1112.4	07/26/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	33.7	—	—	1	µg/L	Y	—	NQ	2016-1797	CAMO-16-124293	GELC
R-33 S2	1112.4	05/11/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	33.9	—	—	1	µg/L	Y	—	NQ	2016-1196	CAMO-16-115277	GELC
R-33 S2	1112.4	02/05/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	35.2	—	—	1	µg/L	Y	—	NQ	2016-699	CAMO-16-110039	GELC
R-33 S2	1112.4	11/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.1	—	—	0.05	mg/L	Y	—	NQ	2018-787	CAMO-18-148060	GELC
R-33 S2	1112.4	08/01/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.3	—	—	0.05	mg/L	Y	—	NQ	2017-2284	CAMO-17-141978	GELC
R-33 S2	1112.4	05/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.7	—	—	0.05	mg/L	Y	—	NQ	2017-1516	CAMO-17-132207	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-33 S2	1112.4	02/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12	—	—	0.05	mg/L	Y	—	NQ	2017-1011	CAMO-17-129295	GELC
R-33 S2	1112.4	11/14/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.8	—	—	0.05	mg/L	Y	—	NQ	2017-453	CAMO-17-127250	GELC
R-33 S2	1112.4	07/26/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.6	—	—	0.05	mg/L	Y	—	NQ	2016-1797	CAMO-16-124293	GELC
R-33 S2	1112.4	05/11/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.1	—	—	0.05	mg/L	Y	—	NQ	2016-1196	CAMO-16-115277	GELC
R-33 S2	1112.4	02/05/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.9	—	—	0.05	mg/L	Y	—	NQ	2016-699	CAMO-16-110039	GELC
R-33 S2	1112.4	11/07/17	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.254	1.22	3.93	—	pCi/L	Y	U	U	2018-787	CAMO-18-148076	GELC
R-33 S2	1112.4	11/12/15	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.9	1.61	6.22	—	pCi/L	Y	U	U	2016-334	CAMO-16-106102	GELC
R-33 S2	1112.4	08/06/15	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.06	1.44	4.94	—	pCi/L	Y	U	U	2015-2084	CAMO-15-102581	GELC
R-33 S2	1112.4	05/12/15	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	4.72	1.86	7.06	—	pCi/L	Y	U	U	2015-1190	CAMO-15-95780	GELC
R-33 S2	1112.4	02/26/15	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.49	2.05	5.97	—	pCi/L	Y	U	U	2015-838	CAMO-15-92677	GELC
R-33 S2	1112.4	11/07/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.96	—	—	0.067	mg/L	Y	—	NQ	2018-787	CAMO-18-148060	GELC
R-33 S2	1112.4	08/01/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.93	—	—	0.067	mg/L	Y	—	NQ	2017-2284	CAMO-17-141978	GELC
R-33 S2	1112.4	05/10/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.12	—	—	0.067	mg/L	Y	—	NQ	2017-1516	CAMO-17-132207	GELC
R-33 S2	1112.4	02/13/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.89	—	—	0.067	mg/L	Y	—	NQ	2017-1011	CAMO-17-129295	GELC
R-33 S2	1112.4	11/14/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.99	—	—	0.067	mg/L	Y	—	NQ	2017-453	CAMO-17-127250	GELC
R-33 S2	1112.4	07/26/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.06	—	—	0.067	mg/L	Y	—	NQ	2016-1797	CAMO-16-124293	GELC
R-33 S2	1112.4	05/11/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.98	—	—	0.067	mg/L	Y	—	NQ	2016-1196	CAMO-16-115277	GELC
R-33 S2	1112.4	02/05/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.01	—	—	0.067	mg/L	Y	—	NQ	2016-699	CAMO-16-110039	GELC
R-33 S2	1112.4	08/01/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.54	—	—	3	µg/L	Y	J	J	2017-2284	CAMO-17-141978	GELC
R-33 S2	1112.4	05/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.63	—	—	3	µg/L	Y	J	J	2017-1516	CAMO-17-132207	GELC
R-33 S2	1112.4	02/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.83	—	—	3	µg/L	Y	J	J	2017-1011	CAMO-17-129295	GELC
R-33 S2	1112.4	11/14/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.54	—	—	3	µg/L	Y	J	J	2017-453	CAMO-17-127250	GELC
R-33 S2	1112.4	07/26/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.35	—	—	2	µg/L	Y	J	J	2016-1797	CAMO-16-124293	GELC
R-33 S2	1112.4	05/11/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.23	—	—	2	µg/L	Y	J	J	2016-1196	CAMO-16-115277	GELC
R-33 S2	1112.4	02/05/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.28	—	—	2	µg/L	Y	J	J	2016-699	CAMO-16-110039	GELC
R-33 S2	1112.4	11/07/17	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.435	1.59	6.2	—	pCi/L	Y	U	U	2018-787	CAMO-18-148076	GELC
R-33 S2	1112.4	11/12/15	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-2.13	1.69	5.73	—	pCi/L	Y	U	U	2016-334	CAMO-16-106102	GELC
R-33 S2	1112.4	08/06/15	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.595	1.4	5.03	—	pCi/L	Y	U	U	2015-2084	CAMO-15-102581	GELC
R-33 S2	1112.4	05/12/15	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-2.04	1.93	6.66	—	pCi/L	Y	U	U	2015-1190	CAMO-15-95780	GELC
R-33 S2	1112.4	02/26/15	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.79	1.92	6.82	—	pCi/L	Y	U	U	2015-838	CAMO-15-92677	GELC
R-33 S2	1112.4	11/07/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.144	—	—	0.033	mg/L	Y	—	NQ	2018-787	CAMO-18-148060	GELC
R-33 S2	1112.4	08/01/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.128	—	—	0.033	mg/L	Y	—	NQ	2017-2284	CAMO-17-141978	GELC
R-33 S2	1112.4	05/10/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.183	—	—	0.033	mg/L	Y	—	NQ	2017-1516	CAMO-17-132207	GELC
R-33 S2	1112.4	02/13/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.145	—	—	0.033	mg/L	Y	—	NQ	2017-1011	CAMO-17-129295	GELC
R-33 S2	1112.4	11/14/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.169	—	—	0.033	mg/L	Y	—	NQ	2017-453	CAMO-17-127250	GELC
R-33 S2	1112.4	07/26/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.118	—	—	0.033	mg/L	Y	—	NQ	2016-1797	CAMO-16-124293	GELC
R-33 S2	1112.4	05/11/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.166	—	—	0.033	mg/L	Y	—	NQ	2016-1196	CAMO-16-115277	GELC
R-33 S2	1112.4	02/05/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.174	—	—	0.033	mg/L	Y	—	NQ	2016-699	CAMO-16-110039	GELC
R-33 S2	1112.4	11/07/17	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.0395	0.677	2.83	—	pCi/L	Y	U	U	2018-787	CAMO-18-148076	GELC
R-33 S2	1112.4	11/12/15	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.0711	0.644	2.42	—	pCi/L	Y	U	U	2016-334	CAMO-16-106102	GELC
R-33 S2	1112.4	08/06/15	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.919	0.71	2.96	—	pCi/L	Y	U	U	2015-2084	CAMO-15-102581	GELC
R-33 S2	1112.4	05/12/15	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.589	0.527	1.92	—	pCi/L	Y	U	U	2015-1190	CAMO-15-95780	GELC
R-33 S2	1112.4	02/26/15	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	2.55	0.934	2.23	—	pCi/L	Y	—	NQ	2015-838	CAMO-15-92677	GELC
R-33 S2	1112.4	11/07/17	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.39	0.89	2.47	—	pCi/L	Y	—	NQ	2018-787	CAMO-18-148076	GELC
R-33 S2	1112.4	11/12/15	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.42	0.816	2.68	—	pCi/L	Y	U	U	2016-334	CAMO-16-106102	GELC
R-33 S2	1112.4	08/06/15	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.85	0.976	2.69	—	pCi/L	Y	—	NQ	2015-2084	CAMO-15-102581	GELC
R-33 S2	1112.4	05/12/15	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.65	0.543	1.71	—	pCi/L	Y	—	NQ	2015-1190	CAMO-15-95780	GELC
R-33 S2	1112.4	02/26/15	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.4	0.436	1.34	—	pCi/L	Y	—	J	2015-838	CAMO-15-92677	GELC
R-33 S2	1112.4	11/07/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	44.9	—	—	0.453	mg/L	Y	—	NQ	2018-787	CAMO-18-148060	GELC
R-33 S2	1112.4	08/01/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	45.4	—	—	0.453	mg/L	Y	—	NQ	2017-2284	CAMO-17-141978	GELC
R-33 S2	1112.4	05/10/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	46.1	—	—	0.453	mg/L	Y	—	NQ	2017-1516	CAMO-17-132207	GELC
R-33 S2	1112.4	02/13/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	48.3	—	—	0.453	mg/L	Y	—	NQ	2017-1011	CAMO-17-129295	GELC
R-33 S2	1112.4	11/14/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	43.2	—	—	0.453	mg/L	Y	—	NQ	2017-453	CAMO-17-127250	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-33 S2	1112.4	07/26/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	42.1	—	—	0.453	mg/L	Y	—	NQ	2016-1797	CAMO-16-124293	GELC
R-33 S2	1112.4	05/11/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	44.2	—	—	0.453	mg/L	Y	—	NQ	2016-1196	CAMO-16-115277	GELC
R-33 S2	1112.4	02/05/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	43.6	—	—	0.453	mg/L	Y	—	NQ	2016-699	CAMO-16-110039	GELC
R-33 S2	1112.4	11/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.15	—	—	0.11	mg/L	Y	—	NQ	2018-787	CAMO-18-148060	GELC
R-33 S2	1112.4	08/01/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.17	—	—	0.11	mg/L	Y	—	NQ	2017-2284	CAMO-17-141978	GELC
R-33 S2	1112.4	05/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.1	—	—	0.11	mg/L	Y	—	NQ	2017-1516	CAMO-17-132207	GELC
R-33 S2	1112.4	02/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.46	—	—	0.11	mg/L	Y	—	NQ	2017-1011	CAMO-17-129295	GELC
R-33 S2	1112.4	11/14/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.94	—	—	0.11	mg/L	Y	—	NQ	2017-453	CAMO-17-127250	GELC
R-33 S2	1112.4	07/26/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.81	—	—	0.11	mg/L	Y	—	NQ	2016-1797	CAMO-16-124293	GELC
R-33 S2	1112.4	05/11/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.02	—	—	0.11	mg/L	Y	—	NQ	2016-1196	CAMO-16-115277	GELC
R-33 S2	1112.4	02/05/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.01	—	—	0.11	mg/L	Y	—	NQ	2016-699	CAMO-16-110039	GELC
R-33 S2	1112.4	11/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.01	—	—	0.2	µg/L	Y	—	NQ	2018-787	CAMO-18-148060	GELC
R-33 S2	1112.4	08/01/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.01	—	—	0.2	µg/L	Y	—	NQ	2017-2284	CAMO-17-141978	GELC
R-33 S2	1112.4	05/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.03	—	—	0.2	µg/L	Y	—	NQ	2017-1516	CAMO-17-132207	GELC
R-33 S2	1112.4	02/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.967	—	—	0.3	µg/L	Y	—	NQ	2017-1011	CAMO-17-129295	GELC
R-33 S2	1112.4	11/14/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.02	—	—	0.3	µg/L	Y	—	NQ	2017-453	CAMO-17-127250	GELC
R-33 S2	1112.4	07/26/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.939	—	—	0.165	µg/L	Y	—	NQ	2016-1797	CAMO-16-124293	GELC
R-33 S2	1112.4	05/11/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.668	—	—	0.165	µg/L	Y	—	NQ	2016-1196	CAMO-16-115277	GELC
R-33 S2	1112.4	02/05/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.976	—	—	0.165	µg/L	Y	—	J	2016-699	CAMO-16-110039	GELC
R-33 S2	1112.4	11/07/17	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.48	3.1	10.9	—	pCi/L	Y	U	U	2018-787	CAMO-18-148076	GELC
R-33 S2	1112.4	11/12/15	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.598	3.25	11.3	—	pCi/L	Y	U	U	2016-334	CAMO-16-106102	GELC
R-33 S2	1112.4	08/06/15	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.44	2.94	9.7	—	pCi/L	Y	U	U	2015-2084	CAMO-15-102581	GELC
R-33 S2	1112.4	05/12/15	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.13	3.61	12.8	—	pCi/L	Y	U	U	2015-1190	CAMO-15-95780	GELC
R-33 S2	1112.4	02/26/15	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.18	3.69	13	—	pCi/L	Y	U	U	2015-838	CAMO-15-92677	GELC
R-33 S2	1112.4	11/07/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.304	—	—	0.017	mg/L	Y	—	NQ	2018-787	CAMO-18-148060	GELC
R-33 S2	1112.4	08/01/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.35	—	—	0.017	mg/L	Y	—	NQ	2017-2284	CAMO-17-141978	GELC
R-33 S2	1112.4	05/10/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.328	—	—	0.017	mg/L	Y	—	NQ	2017-1516	CAMO-17-132207	GELC
R-33 S2	1112.4	02/13/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.321	—	—	0.017	mg/L	Y	—	NQ	2017-1011	CAMO-17-129295	GELC
R-33 S2	1112.4	11/14/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.339	—	—	0.017	mg/L	Y	—	NQ	2017-453	CAMO-17-127250	GELC
R-33 S2	1112.4	07/26/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.331	—	—	0.017	mg/L	Y	—	NQ	2016-1797	CAMO-16-124293	GELC
R-33 S2	1112.4	05/11/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.0321	—	—	0.017	mg/L	Y	J	J	2016-1196	CAMO-16-115277	GELC
R-33 S2	1112.4	02/05/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.32	—	—	0.017	mg/L	Y	—	NQ	2016-699	CAMO-16-110039	GELC
R-33 S2	1112.4	11/07/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.381	—	—	0.05	µg/L	Y	—	NQ	2018-787	CAMO-18-148060	GELC
R-33 S2	1112.4	08/01/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.362	—	—	0.05	µg/L	Y	—	NQ	2017-2284	CAMO-17-141978	GELC
R-33 S2	1112.4	05/10/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.372	—	—	0.05	µg/L	Y	—	NQ	2017-1516	CAMO-17-132207	GELC
R-33 S2	1112.4	02/13/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.358	—	—	0.05	µg/L	Y	—	NQ	2017-1011	CAMO-17-129295	GELC
R-33 S2	1112.4	11/14/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.383	—	—	0.05	µg/L	Y	—	NQ	2017-453	CAMO-17-127250	GELC
R-33 S2	1112.4	07/26/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.329	—	—	0.05	µg/L	Y	—	NQ	2016-1797	CAMO-16-124293	GELC
R-33 S2	1112.4	05/11/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.341	—	—	0.05	µg/L	Y	—	NQ	2016-1196	CAMO-16-115277	GELC
R-33 S2	1112.4	02/05/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.356	—	—	0.05	µg/L	Y	—	NQ	2016-699	CAMO-16-110039	GELC
R-33 S2	1112.4	11/07/17	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00262	0.00587	0.0387	—	pCi/L	Y	U	U	2018-787	CAMO-18-148076	GELC
R-33 S2	1112.4	11/12/15	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00222	0.00384	0.0259	—	pCi/L	Y	U	U	2016-334	CAMO-16-106102	GELC
R-33 S2	1112.4	08/06/15	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0039	0.00552	0.0324	—	pCi/L	Y	U	U	2015-2084	CAMO-15-102581	GELC
R-33 S2	1112.4	05/12/15	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00955	0.00842	0.0434	—	pCi/L	Y	U	U	2015-1190	CAMO-15-95780	GELC
R-33 S2	1112.4	02/26/15	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00651	0.00485	0.0409	—	pCi/L	Y	U	U	2015-838	CAMO-15-92677	GELC
R-33 S2	1112.4	11/07/17	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00524	0.00829	0.0553	—	pCi/L	Y	U	U	2018-787	CAMO-18-148076	GELC
R-33 S2	1112.4	11/12/15	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0133	0.0094	0.0498	—	pCi/L	Y	U	U	2016-334	CAMO-16-106102	GELC
R-33 S2	1112.4	08/06/15	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00195	0.00436	0.0431	—	pCi/L	Y	U	U	2015-2084	CAMO-15-102581	GELC
R-33 S2	1112.4	05/12/15	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00318	0.00842	0.0792	—	pCi/L	Y	U	U	2015-1190	CAMO-15-95780	GELC
R-33 S2	1112.4	02/26/15	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00217	0.00651	0.053	—	pCi/L	Y	U	U	2015-838	CAMO-15-92677	GELC
R-33 S2	1112.4	11/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.25	—	—	0.05	mg/L	Y	—	NQ	2018-787	CAMO-18-148060	GELC
R-33 S2	1112.4	08/01/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.4	—	—	0.05	mg/L	Y	—	NQ	2017-2284	CAMO-17-141978	GELC
R-33 S2	1112.4	05/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.27	—	—	0.05	mg/L	Y	—	NQ	2017-1516	CAMO-17-132207	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-33 S2	1112.4	02/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.29	—	—	0.05	mg/L	Y	—	NQ	2017-1011	CAMO-17-129295	GELC
R-33 S2	1112.4	11/14/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.34	—	—	0.05	mg/L	Y	—	NQ	2017-453	CAMO-17-127250	GELC
R-33 S2	1112.4	07/26/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.42	—	—	0.05	mg/L	Y	—	NQ	2016-1797	CAMO-16-124293	GELC
R-33 S2	1112.4	05/11/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.16	—	—	0.05	mg/L	Y	—	NQ	2016-1196	CAMO-16-115277	GELC
R-33 S2	1112.4	02/05/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.31	—	—	0.05	mg/L	Y	—	NQ	2016-699	CAMO-16-110039	GELC
R-33 S2	1112.4	11/07/17	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	50.6	20.8	54.4	—	pCi/L	Y	U	U	2018-787	CAMO-18-148076	GELC
R-33 S2	1112.4	11/12/15	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	12.6	21.1	80.4	—	pCi/L	Y	U	U	2016-334	CAMO-16-106102	GELC
R-33 S2	1112.4	08/06/15	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	17.6	18.1	45.9	—	pCi/L	Y	U	U	2015-2084	CAMO-15-102581	GELC
R-33 S2	1112.4	05/12/15	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	10	19.3	75.8	—	pCi/L	Y	U	U	2015-1190	CAMO-15-95780	GELC
R-33 S2	1112.4	02/26/15	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	3.84	24.7	85	—	pCi/L	Y	U	U	2015-838	CAMO-15-92677	GELC
R-33 S2	1112.4	11/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	77.2	—	—	0.053	mg/L	Y	—	NQ	2018-787	CAMO-18-148060	GELC
R-33 S2	1112.4	08/01/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	78.5	—	—	0.053	mg/L	Y	—	NQ	2017-2284	CAMO-17-141978	GELC
R-33 S2	1112.4	05/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	80.1	—	—	0.053	mg/L	Y	—	J-	2017-1516	CAMO-17-132207	GELC
R-33 S2	1112.4	02/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	82	—	—	0.053	mg/L	Y	—	NQ	2017-1011	CAMO-17-129295	GELC
R-33 S2	1112.4	11/14/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	77.4	—	—	0.053	mg/L	Y	—	NQ	2017-453	CAMO-17-127250	GELC
R-33 S2	1112.4	07/26/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	79.3	—	—	0.053	mg/L	Y	—	NQ	2016-1797	CAMO-16-124293	GELC
R-33 S2	1112.4	05/11/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	78.8	—	—	0.053	mg/L	Y	—	NQ	2016-1196	CAMO-16-115277	GELC
R-33 S2	1112.4	02/05/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	82.2	—	—	0.053	mg/L	Y	—	NQ	2016-699	CAMO-16-110039	GELC
R-33 S2	1112.4	11/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.9	—	—	0.1	mg/L	Y	—	NQ	2018-787	CAMO-18-148060	GELC
R-33 S2	1112.4	08/01/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11	—	—	0.1	mg/L	Y	—	NQ	2017-2284	CAMO-17-141978	GELC
R-33 S2	1112.4	05/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.7	—	—	0.1	mg/L	Y	—	NQ	2017-1516	CAMO-17-132207	GELC
R-33 S2	1112.4	02/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.6	—	—	0.1	mg/L	Y	—	NQ	2017-1011	CAMO-17-129295	GELC
R-33 S2	1112.4	11/14/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.1	—	—	0.1	mg/L	Y	N	NQ	2017-453	CAMO-17-127250	GELC
R-33 S2	1112.4	07/26/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	20.1	—	—	0.1	mg/L	Y	—	NQ	2016-1797	CAMO-16-124293	GELC
R-33 S2	1112.4	05/11/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.3	—	—	0.1	mg/L	Y	—	NQ	2016-1196	CAMO-16-115277	GELC
R-33 S2	1112.4	02/05/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.1	—	—	0.1	mg/L	Y	—	NQ	2016-699	CAMO-16-110039	GELC
R-33 S2	1112.4	11/07/17	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.658	1.61	6.34	—	pCi/L	Y	U	U	2018-787	CAMO-18-148076	GELC
R-33 S2	1112.4	11/12/15	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	2.02	1.58	6.21	—	pCi/L	Y	U	U	2016-334	CAMO-16-106102	GELC
R-33 S2	1112.4	08/06/15	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.0258	1.37	5.16	—	pCi/L	Y	U	U	2015-2084	CAMO-15-102581	GELC
R-33 S2	1112.4	05/12/15	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.57	1.76	5.67	—	pCi/L	Y	U	U	2015-1190	CAMO-15-95780	GELC
R-33 S2	1112.4	02/26/15	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.26	1.72	6.71	—	pCi/L	Y	U	U	2015-838	CAMO-15-92677	GELC
R-33 S2	1112.4	11/07/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	145	—	—	1	µS/cm	Y	—	NQ	2018-787	CAMO-18-148060	GELC
R-33 S2	1112.4	08/01/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	152	—	—	1	µS/cm	Y	—	NQ	2017-2284	CAMO-17-141978	GELC
R-33 S2	1112.4	05/10/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	123	—	—	1	µS/cm	Y	—	NQ	2017-1516	CAMO-17-132207	GELC
R-33 S2	1112.4	02/13/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	137	—	—	1	µS/cm	Y	—	NQ	2017-1011	CAMO-17-129295	GELC
R-33 S2	1112.4	11/14/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	139	—	—	1	µS/cm	Y	—	NQ	2017-453	CAMO-17-127250	GELC
R-33 S2	1112.4	07/26/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	134	—	—	3.63	µS/cm	Y	—	NQ	2016-1797	CAMO-16-124293	GELC
R-33 S2	1112.4	05/11/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	129	—	—	3.63	µS/cm	Y	—	NQ	2016-1196	CAMO-16-115277	GELC
R-33 S2	1112.4	02/05/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	157	—	—	1	µS/cm	Y	—	NQ	2016-699	CAMO-16-110039	GELC
R-33 S2	1112.4	11/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	44.5	—	—	1	µg/L	Y	—	NQ	2018-787	CAMO-18-148060	GELC
R-33 S2	1112.4	08/01/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	47.7	—	—	1	µg/L	Y	—	NQ	2017-2284	CAMO-17-141978	GELC
R-33 S2	1112.4	05/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	48.8	—	—	1	µg/L	Y	—	NQ	2017-1516	CAMO-17-132207	GELC
R-33 S2	1112.4	02/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	49.2	—	—	1	µg/L	Y	—	NQ	2017-1011	CAMO-17-129295	GELC
R-33 S2	1112.4	11/14/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	45.5	—	—	1	µg/L	Y	—	NQ	2017-453	CAMO-17-127250	GELC
R-33 S2	1112.4	07/26/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	49.2	—	—	1	µg/L	Y	—	NQ	2016-1797	CAMO-16-124293	GELC
R-33 S2	1112.4	05/11/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	46.3	—	—	1	µg/L	Y	—	NQ	2016-1196	CAMO-16-115277	GELC
R-33 S2	1112.4	02/05/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	45.5	—	—	1	µg/L	Y	—	NQ	2016-699	CAMO-16-110039	GELC
R-33 S2	1112.4	11/07/17	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0798	0.113	0.449	—	pCi/L	Y	U	U	2018-787	CAMO-18-148076	GELC
R-33 S2	1112.4	11/12/15	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.115	0.127	0.496	—	pCi/L	Y	U	U	2016-334	CAMO-16-106102	GELC
R-33 S2	1112.4	08/06/15	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0584	0.133	0.484	—	pCi/L	Y	U	U	2015-2084	CAMO-15-102581	GELC
R-33 S2	1112.4	05/12/15	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.191	0.116	0.471	—	pCi/L	Y	U	U	2015-1190	CAMO-15-95780	GELC
R-33 S2	1112.4	02/26/15	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0241	0.114	0.389	—	pCi/L	Y	U	U	2015-838	CAMO-15-92677	GELC
R-33 S2	1112.4	11/07/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.27	—	—	0.133	mg/L	Y	—	NQ	2018-787	CAMO-18-148060	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-33 S2	1112.4	08/01/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.32	—	—	0.133	mg/L	Y	—	J+	2017-2284	CAMO-17-141978	GELC
R-33 S2	1112.4	05/10/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.43	—	—	0.133	mg/L	Y	—	NQ	2017-1516	CAMO-17-132207	GELC
R-33 S2	1112.4	02/13/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.17	—	—	0.133	mg/L	Y	—	NQ	2017-1011	CAMO-17-129295	GELC
R-33 S2	1112.4	11/14/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.34	—	—	0.133	mg/L	Y	—	NQ	2017-453	CAMO-17-127250	GELC
R-33 S2	1112.4	07/26/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.35	—	—	0.133	mg/L	Y	—	NQ	2016-1797	CAMO-16-124293	GELC
R-33 S2	1112.4	05/11/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.32	—	—	0.133	mg/L	Y	—	NQ	2016-1196	CAMO-16-115277	GELC
R-33 S2	1112.4	02/05/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.27	—	—	0.133	mg/L	Y	—	NQ	2016-699	CAMO-16-110039	GELC
R-33 S2	1112.4	11/07/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-787	CAMO-18-148060	GELC
R-33 S2	1112.4	11/07/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-787	CAMO-18-148076	GELC
R-33 S2	1112.4	08/01/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	2017-2284	CAMO-17-141994	GELC
R-33 S2	1112.4	08/01/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	2017-2284	CAMO-17-141978	GELC
R-33 S2	1112.4	05/10/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2017-1516	CAMO-17-132207	GELC
R-33 S2	1112.4	05/10/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2017-1516	CAMO-17-132227	GELC
R-33 S2	1112.4	11/07/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	131	—	—	3.4	mg/L	Y	—	NQ	2018-787	CAMO-18-148060	GELC
R-33 S2	1112.4	08/01/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	136	—	—	3.4	mg/L	Y	—	NQ	2017-2284	CAMO-17-141978	GELC
R-33 S2	1112.4	05/10/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	134	—	—	3.4	mg/L	Y	—	NQ	2017-1516	CAMO-17-132207	GELC
R-33 S2	1112.4	02/13/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	121	—	—	3.4	mg/L	Y	—	NQ	2017-1011	CAMO-17-129295	GELC
R-33 S2	1112.4	11/14/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	130	—	—	3.4	mg/L	Y	—	NQ	2017-453	CAMO-17-127250	GELC
R-33 S2	1112.4	07/26/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	133	—	—	3.4	mg/L	Y	—	NQ	2016-1797	CAMO-16-124293	GELC
R-33 S2	1112.4	05/11/16	WG	F	RE	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	170	—	—	3.4	mg/L	N	H	J	2016-1196	CAMO-16-115277	GELC
R-33 S2	1112.4	05/11/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	210	—	—	3.4	mg/L	Y	—	J	2016-1196	CAMO-16-115277	GELC
R-33 S2	1112.4	02/05/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	141	—	—	3.4	mg/L	Y	—	NQ	2016-699	CAMO-16-110039	GELC
R-33 S2	1112.4	02/13/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.316	—	—	0.033	mg/L	Y	—	NQ	2017-1011	CAMO-17-129311	GELC
R-33 S2	1112.4	11/14/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2017-453	CAMO-17-127230	GELC
R-33 S2	1112.4	07/26/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2016-1797	CAMO-16-124269	GELC
R-33 S2	1112.4	05/11/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2016-1196	CAMO-16-115254	GELC
R-33 S2	1112.4	02/05/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2016-699	CAMO-16-110021	GELC
R-33 S2	1112.4	05/10/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0409	—	—	0.02	mg/L	Y	J	J	2017-1516	CAMO-17-132207	GELC
R-33 S2	1112.4	02/13/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.164	—	—	0.02	mg/L	Y	—	NQ	2017-1011	CAMO-17-129295	GELC
R-33 S2	1112.4	11/14/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0552	—	—	0.02	mg/L	Y	—	NQ	2017-453	CAMO-17-127250	GELC
R-33 S2	1112.4	07/26/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0427	—	—	0.02	mg/L	Y	J	J	2016-1797	CAMO-16-124293	GELC
R-33 S2	1112.4	05/11/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0438	—	—	0.02	mg/L	Y	J	J	2016-1196	CAMO-16-115277	GELC
R-33 S2	1112.4	02/05/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.02	—	—	0.017	mg/L	Y	J	J	2016-699	CAMO-16-110039	GELC
R-33 S2	1112.4	11/07/17	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.308	0.769	2.627	—	pCi/L	Y	U	U	2018-835	CAMO-18-148076	ARSL
R-33 S2	1112.4	05/16/11	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.1914	0.6762	2.093	—	pCi/L	Y	U	U	11-2435	CAMO-11-10768	ARSL
R-33 S2	1112.4	11/18/10	WG	UF	RE	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.9982	0.7728	2.4794	—	pCi/L	Y	U	U	11-748	CAMO-11-1300	ARSL
R-33 S2	1112.4	11/18/10	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	3.6386	1.1914	2.4794	—	pCi/L	N	—	R	11-748	CAMO-11-1300	ARSL
R-33 S2	1112.4	05/12/10	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.5152	0.5474	1.8676	—	pCi/L	Y	U	U	10-3219	CAMO-10-16818	ARSL
R-33 S2	1112.4	01/28/10	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.0966	0.2898	0.2898	—	pCi/L	Y	U	U	10-1612	CAMO-10-9367	UMTL
R-33 S2	1112.4	11/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.905	—	—	0.067	µg/L	Y	—	NQ	2018-787	CAMO-18-148060	GELC
R-33 S2	1112.4	08/01/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.926	—	—	0.067	µg/L	Y	—	NQ	2017-2284	CAMO-17-141978	GELC
R-33 S2	1112.4	05/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.897	—	—	0.067	µg/L	Y	—	NQ	2017-1516	CAMO-17-132207	GELC
R-33 S2	1112.4	02/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.908	—	—	0.067	µg/L	Y	—	NQ	2017-1011	CAMO-17-129295	GELC
R-33 S2	1112.4	11/14/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.923	—	—	0.067	µg/L	Y	—	NQ	2017-453	CAMO-17-127250	GELC
R-33 S2	1112.4	07/26/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.938	—	—	0.067	µg/L	Y	—	NQ	2016-1797	CAMO-16-124293	GELC
R-33 S2	1112.4	05/11/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.897	—	—	0.067	µg/L	Y	—	NQ	2016-1196	CAMO-16-115277	GELC
R-33 S2	1112.4	02/05/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.05	—	—	0.067	µg/L	Y	—	NQ	2016-699	CAMO-16-110039	GELC
R-33 S2	1112.4	11/07/17	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.634	0.0429	0.125	—	pCi/L	Y	—	NQ	2018-787	CAMO-18-148076	GELC
R-33 S2	1112.4	11/12/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.587	0.0377	0.0749	—	pCi/L	Y	—	NQ	2016-334	CAMO-16-106102	GELC
R-33 S2	1112.4	08/06/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.647	0.0348	0.0809	—	pCi/L	Y	—	NQ	2015-2084	CAMO-15-102581	GELC
R-33 S2	1112.4	05/12/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.635	0.0402	0.0555	—	pCi/L	Y	—	NQ	2015-1190	CAMO-15-95780	GELC
R-33 S2	1112.4	02/26/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.563	0.0349	0.0794	—	pCi/L	Y	—	NQ	2015-838	CAMO-15-92677	GELC
R-33 S2	1112.4	11/07/17	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0806	0.0191	0.054	—	pCi/L	Y	—	NQ	2018-787	CAMO-18-148076	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-33 S2	1112.4	11/12/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00283	0.00634	0.0653	—	pCi/L	Y	U	U	2016-334	CAMO-16-106102	GELC
R-33 S2	1112.4	08/06/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0494	0.0115	0.0537	—	pCi/L	Y	U	U	2015-2084	CAMO-15-102581	GELC
R-33 S2	1112.4	05/12/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0211	0.0109	0.0356	—	pCi/L	Y	U	U	2015-1190	CAMO-15-95780	GELC
R-33 S2	1112.4	02/26/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0127	0.00762	0.0497	—	pCi/L	Y	U	U	2015-838	CAMO-15-92677	GELC
R-33 S2	1112.4	11/07/17	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.379	0.0332	0.073	—	pCi/L	Y	—	NQ	2018-787	CAMO-18-148076	GELC
R-33 S2	1112.4	11/12/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.346	0.0284	0.0739	—	pCi/L	Y	—	NQ	2016-334	CAMO-16-106102	GELC
R-33 S2	1112.4	08/06/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.325	0.0246	0.0507	—	pCi/L	Y	—	NQ	2015-2084	CAMO-15-102581	GELC
R-33 S2	1112.4	05/12/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.324	0.0289	0.0468	—	pCi/L	Y	—	NQ	2015-1190	CAMO-15-95780	GELC
R-33 S2	1112.4	02/26/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.288	0.0257	0.0405	—	pCi/L	Y	—	NQ	2015-838	CAMO-15-92677	GELC
R-33 S2	1112.4	11/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.08	—	—	1	µg/L	Y	—	NQ	2018-787	CAMO-18-148060	GELC
R-33 S2	1112.4	08/01/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.42	—	—	1	µg/L	Y	—	NQ	2017-2284	CAMO-17-141978	GELC
R-33 S2	1112.4	05/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.37	—	—	1	µg/L	Y	—	NQ	2017-1516	CAMO-17-132207	GELC
R-33 S2	1112.4	02/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.63	—	—	1	µg/L	Y	—	NQ	2017-1011	CAMO-17-129295	GELC
R-33 S2	1112.4	11/14/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.22	—	—	1	µg/L	Y	—	NQ	2017-453	CAMO-17-127250	GELC
R-33 S2	1112.4	07/26/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.68	—	—	1	µg/L	Y	—	NQ	2016-1797	CAMO-16-124293	GELC
R-33 S2	1112.4	05/11/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.37	—	—	1	µg/L	Y	—	NQ	2016-1196	CAMO-16-115277	GELC
R-33 S2	1112.4	02/05/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.19	—	—	1	µg/L	Y	—	NQ	2016-699	CAMO-16-110039	GELC
R-35a	1013.1	11/06/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.16	—	—	0.01	SU	Y	H	NQ	2018-739	CASA-18-148005	GELC
R-35a	1013.1	07/26/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.11	—	—	0.01	SU	Y	H	NQ	2017-2116	CASA-17-142007	GELC
R-35a	1013.1	05/02/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.14	—	—	0.01	SU	Y	H	NQ	2017-1471	CASA-17-132320	GELC
R-35a	1013.1	02/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.15	—	—	0.01	SU	Y	H	NQ	2017-1003	CASA-17-129325	GELC
R-35a	1013.1	11/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.17	—	—	0.01	SU	Y	H	NQ	2017-432	CASA-17-127291	GELC
R-35a	1013.1	08/01/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.12	—	—	0.01	SU	Y	H	NQ	2016-1854	CASA-16-124343	GELC
R-35a	1013.1	05/02/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.12	—	—	0.01	SU	Y	H	NQ	2016-1136	CASA-16-115489	GELC
R-35a	1013.1	02/02/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.14	—	—	0.01	SU	Y	H	NQ	2016-675	CASA-16-110064	GELC
R-35a	1013.1	05/02/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	2	—	—	1.45	mg/L	Y	J	J	2017-1471	CASA-17-132320	GELC
R-35a	1013.1	02/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	4	—	—	1.45	mg/L	Y	U	U	2017-1003	CASA-17-129325	GELC
R-35a	1013.1	11/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	4	—	—	1.45	mg/L	Y	U	U	2017-432	CASA-17-127291	GELC
R-35a	1013.1	08/01/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	4	—	—	1.45	mg/L	Y	U	U	2016-1854	CASA-16-124343	GELC
R-35a	1013.1	05/02/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1	—	—	0.725	mg/L	Y	U	U	2016-1136	CASA-16-115489	GELC
R-35a	1013.1	11/06/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	111	—	—	1.45	mg/L	Y	—	NQ	2018-739	CASA-18-148005	GELC
R-35a	1013.1	07/26/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	113	—	—	1.45	mg/L	Y	—	NQ	2017-2116	CASA-17-142007	GELC
R-35a	1013.1	05/02/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	119	—	—	1.45	mg/L	Y	—	NQ	2017-1471	CASA-17-132320	GELC
R-35a	1013.1	02/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	107	—	—	1.45	mg/L	Y	—	NQ	2017-1003	CASA-17-129325	GELC
R-35a	1013.1	11/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	110	—	—	1.45	mg/L	Y	—	NQ	2017-432	CASA-17-127291	GELC
R-35a	1013.1	08/01/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	108	—	—	1.45	mg/L	Y	—	NQ	2016-1854	CASA-16-124343	GELC
R-35a	1013.1	05/02/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	101	—	—	0.725	mg/L	Y	—	NQ	2016-1136	CASA-16-115489	GELC
R-35a	1013.1	02/02/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	105	—	—	0.725	mg/L	Y	—	NQ	2016-675	CASA-16-110064	GELC
R-35a	1013.1	02/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	Y	132	—	—	68	µg/L	Y	J	J	2017-1003	CASA-17-129325	GELC
R-35a	1013.1	11/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	2017-432	CASA-17-127291	GELC
R-35a	1013.1	08/01/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	2016-1854	CASA-16-124343	GELC
R-35a	1013.1	05/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	2016-1136	CASA-16-115489	GELC
R-35a	1013.1	02/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	2016-675	CASA-16-110064	GELC
R-35a	1013.1	11/06/17	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00386	0.0061	0.0343	—	pCi/L	Y	U	U	2018-739	CASA-18-148007	GELC
R-35a	1013.1	11/09/15	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00414	0.00586	0.028	—	pCi/L	Y	U	U	2016-299	CASA-16-106241	GELC
R-35a	1013.1	11/10/14	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00658	0.00805	0.0686	—	pCi/L	Y	U	U	2015-264	CASA-15-90250	GELC
R-35a	1013.1	11/13/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00381	0.00762	0.0217	—	pCi/L	Y	U	U	2013-312	CASA-13-24210	GELC
R-35a	1013.1	07/07/10	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00654	0.0036	0.031	—	pCi/L	Y	U	U	10-3610	CASA-10-22660	GELC
R-35a	1013.1	07/26/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0505	—	—	0.017	mg/L	Y	—	NQ	2017-2116	CASA-17-142007	GELC
R-35a	1013.1	05/02/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0617	—	—	0.017	mg/L	Y	—	J	2017-1471	CASA-17-132320	GELC
R-35a	1013.1	02/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0724	—	—	0.017	mg/L	Y	—	NQ	2017-1003	CASA-17-129325	GELC
R-35a	1013.1	11/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.076	—	—	0.017	mg/L	Y	—	U	2017-432	CASA-17-127291	GELC
R-35a	1013.1	08/01/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0715	—	—	0.017	mg/L	Y	—	U	2016-1854	CASA-16-124343	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-35a	1013.1	05/02/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0527	—	—	0.017	mg/L	Y	—	NQ	2016-1136	CASA-16-115489	GELC
R-35a	1013.1	02/02/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0335	—	—	0.017	mg/L	Y	J	J-	2016-675	CASA-16-110064	GELC
R-35a	1013.1	11/06/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.96	—	—	2	µg/L	Y	J	J	2018-739	CASA-18-148005	GELC
R-35a	1013.1	07/26/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.82	—	—	2	µg/L	Y	J	J	2017-2116	CASA-17-142007	GELC
R-35a	1013.1	05/02/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.48	—	—	2	µg/L	Y	J	J	2017-1471	CASA-17-132320	GELC
R-35a	1013.1	02/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.37	—	—	1.7	µg/L	Y	J	J	2017-1003	CASA-17-129325	GELC
R-35a	1013.1	11/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.8	—	—	1.7	µg/L	Y	J	J	2017-432	CASA-17-127291	GELC
R-35a	1013.1	08/01/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.55	—	—	1.7	µg/L	Y	J	J	2016-1854	CASA-16-124343	GELC
R-35a	1013.1	05/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2016-1136	CASA-16-115489	GELC
R-35a	1013.1	02/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.71	—	—	1.7	µg/L	Y	J	J	2016-675	CASA-16-110064	GELC
R-35a	1013.1	11/06/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	351	—	—	1	µg/L	Y	—	NQ	2018-739	CASA-18-148005	GELC
R-35a	1013.1	07/26/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	361	—	—	1	µg/L	Y	—	NQ	2017-2116	CASA-17-142007	GELC
R-35a	1013.1	05/02/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	336	—	—	1	µg/L	Y	—	NQ	2017-1471	CASA-17-132320	GELC
R-35a	1013.1	02/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	338	—	—	1	µg/L	Y	—	NQ	2017-1003	CASA-17-129325	GELC
R-35a	1013.1	11/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	340	—	—	1	µg/L	Y	—	NQ	2017-432	CASA-17-127291	GELC
R-35a	1013.1	08/01/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	359	—	—	1	µg/L	Y	—	NQ	2016-1854	CASA-16-124343	GELC
R-35a	1013.1	05/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	347	—	—	1	µg/L	Y	—	NQ	2016-1136	CASA-16-115489	GELC
R-35a	1013.1	02/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	337	—	—	1	µg/L	Y	—	NQ	2016-675	CASA-16-110064	GELC
R-35a	1013.1	11/06/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	38.8	—	—	15	µg/L	Y	J	J	2018-739	CASA-18-148005	GELC
R-35a	1013.1	07/26/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	39.5	—	—	15	µg/L	Y	J	J	2017-2116	CASA-17-142007	GELC
R-35a	1013.1	05/02/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	38.5	—	—	15	µg/L	Y	J	J	2017-1471	CASA-17-132320	GELC
R-35a	1013.1	02/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	37.1	—	—	15	µg/L	Y	J	J	2017-1003	CASA-17-129325	GELC
R-35a	1013.1	11/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	36.8	—	—	15	µg/L	Y	J	J	2017-432	CASA-17-127291	GELC
R-35a	1013.1	08/01/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	37.3	—	—	15	µg/L	Y	J	J	2016-1854	CASA-16-124343	GELC
R-35a	1013.1	05/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	41	—	—	15	µg/L	Y	J	J	2016-1136	CASA-16-115489	GELC
R-35a	1013.1	02/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	40.6	—	—	15	µg/L	Y	J	J	2016-675	CASA-16-110064	GELC
R-35a	1013.1	11/06/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0687	—	—	0.067	mg/L	Y	J	J	2018-739	CASA-18-148005	GELC
R-35a	1013.1	07/26/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0707	—	—	0.067	mg/L	Y	J	J	2017-2116	CASA-17-142007	GELC
R-35a	1013.1	05/02/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.067	mg/L	Y	U	U	2017-1471	CASA-17-132320	GELC
R-35a	1013.1	02/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.067	mg/L	Y	U	U	2017-1003	CASA-17-129325	GELC
R-35a	1013.1	11/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.067	mg/L	Y	U	U	2017-432	CASA-17-127291	GELC
R-35a	1013.1	08/01/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.067	mg/L	Y	U	U	2016-1854	CASA-16-124343	GELC
R-35a	1013.1	11/06/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	22.5	—	—	0.05	mg/L	Y	—	NQ	2018-739	CASA-18-148005	GELC
R-35a	1013.1	07/26/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	22.5	—	—	0.05	mg/L	Y	—	NQ	2017-2116	CASA-17-142007	GELC
R-35a	1013.1	05/02/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	21.4	—	—	0.05	mg/L	Y	—	NQ	2017-1471	CASA-17-132320	GELC
R-35a	1013.1	02/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	21.2	—	—	0.05	mg/L	Y	—	NQ	2017-1003	CASA-17-129325	GELC
R-35a	1013.1	11/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	21.8	—	—	0.05	mg/L	Y	—	NQ	2017-432	CASA-17-127291	GELC
R-35a	1013.1	08/01/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	22.8	—	—	0.05	mg/L	Y	—	NQ	2016-1854	CASA-16-124343	GELC
R-35a	1013.1	05/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	21.2	—	—	0.05	mg/L	Y	—	NQ	2016-1136	CASA-16-115489	GELC
R-35a	1013.1	02/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	20.6	—	—	0.05	mg/L	Y	—	NQ	2016-675	CASA-16-110064	GELC
R-35a	1013.1	11/06/17	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.64	0.942	4.08	—	pCi/L	Y	U	U	2018-739	CASA-18-148007	GELC
R-35a	1013.1	11/09/15	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.658	1.3	4.85	—	pCi/L	Y	U	U	2016-299	CASA-16-106241	GELC
R-35a	1013.1	11/10/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.26	1.55	4.61	—	pCi/L	Y	U	U	2015-264	CASA-15-90250	GELC
R-35a	1013.1	11/13/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.28	1.56	5.25	—	pCi/L	Y	U	U	2013-312	CASA-13-24210	GELC
R-35a	1013.1	07/07/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.371	1.3	4.2	—	pCi/L	Y	U	U	10-3610	CASA-10-22660	GELC
R-35a	1013.1	11/06/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.26	—	—	0.067	mg/L	Y	—	NQ	2018-739	CASA-18-148005	GELC
R-35a	1013.1	07/26/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.42	—	—	0.067	mg/L	Y	—	NQ	2017-2116	CASA-17-142007	GELC
R-35a	1013.1	05/02/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.73	—	—	0.067	mg/L	Y	—	NQ	2017-1471	CASA-17-132320	GELC
R-35a	1013.1	02/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.32	—	—	0.067	mg/L	Y	—	NQ	2017-1003	CASA-17-129325	GELC
R-35a	1013.1	11/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.48	—	—	0.067	mg/L	Y	—	NQ	2017-432	CASA-17-127291	GELC
R-35a	1013.1	08/01/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.42	—	—	0.067	mg/L	Y	—	J	2016-1854	CASA-16-124343	GELC
R-35a	1013.1	05/02/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.56	—	—	0.067	mg/L	Y	—	NQ	2016-1136	CASA-16-115489	GELC
R-35a	1013.1	02/02/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.61	—	—	0.067	mg/L	Y	—	NQ	2016-675	CASA-16-110064	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-35a	1013.1	11/06/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.91	—	—	3	µg/L	Y	J	J	2018-739	CASA-18-148005	GELC
R-35a	1013.1	05/02/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.25	—	—	3	µg/L	Y	J	J	2017-1471	CASA-17-132320	GELC
R-35a	1013.1	02/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.59	—	—	3	µg/L	Y	J	J	2017-1003	CASA-17-129325	GELC
R-35a	1013.1	11/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.43	—	—	3	µg/L	Y	J	J	2017-432	CASA-17-127291	GELC
R-35a	1013.1	08/01/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.25	—	—	2	µg/L	Y	J	J	2016-1854	CASA-16-124343	GELC
R-35a	1013.1	05/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	7.6	—	—	2	µg/L	Y	J	J	2016-1136	CASA-16-115489	GELC
R-35a	1013.1	02/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.93	—	—	2	µg/L	Y	J	J	2016-675	CASA-16-110064	GELC
R-35a	1013.1	11/06/17	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.433	0.852	3.79	—	pCi/L	Y	U	U	2018-739	CASA-18-148007	GELC
R-35a	1013.1	11/09/15	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.44	1.36	5.82	—	pCi/L	Y	U	U	2016-299	CASA-16-106241	GELC
R-35a	1013.1	11/10/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.02	1.58	5.9	—	pCi/L	Y	U	U	2015-264	CASA-15-90250	GELC
R-35a	1013.1	11/13/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.75	1.25	5.3	—	pCi/L	Y	U	U	2013-312	CASA-13-24210	GELC
R-35a	1013.1	07/07/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.969	1.1	3.4	—	pCi/L	Y	U	U	10-3610	CASA-10-22660	GELC
R-35a	1013.1	11/06/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.282	—	—	0.033	mg/L	Y	—	NQ	2018-739	CASA-18-148005	GELC
R-35a	1013.1	07/26/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.239	—	—	0.033	mg/L	Y	—	NQ	2017-2116	CASA-17-142007	GELC
R-35a	1013.1	05/02/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.311	—	—	0.033	mg/L	Y	—	NQ	2017-1471	CASA-17-132320	GELC
R-35a	1013.1	02/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.249	—	—	0.033	mg/L	Y	—	NQ	2017-1003	CASA-17-129325	GELC
R-35a	1013.1	11/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.264	—	—	0.033	mg/L	Y	—	NQ	2017-432	CASA-17-127291	GELC
R-35a	1013.1	08/01/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.245	—	—	0.033	mg/L	Y	—	J	2016-1854	CASA-16-124343	GELC
R-35a	1013.1	05/02/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.247	—	—	0.033	mg/L	Y	—	NQ	2016-1136	CASA-16-115489	GELC
R-35a	1013.1	02/02/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.265	—	—	0.033	mg/L	Y	—	NQ	2016-675	CASA-16-110064	GELC
R-35a	1013.1	11/06/17	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.165	0.664	2.86	—	pCi/L	Y	U	U	2018-739	CASA-18-148007	GELC
R-35a	1013.1	11/09/15	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.06	0.802	2.74	—	pCi/L	Y	U	U	2016-299	CASA-16-106241	GELC
R-35a	1013.1	11/10/14	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.468	0.459	1.56	—	pCi/L	Y	U	U	2015-264	CASA-15-90250	GELC
R-35a	1013.1	11/13/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.22	0.69	2.04	—	pCi/L	Y	U	U	2013-312	CASA-13-24210	GELC
R-35a	1013.1	07/07/10	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.798	0.68	2.4	—	pCi/L	Y	U	U	10-3610	CASA-10-22660	GELC
R-35a	1013.1	11/06/17	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.89	0.932	2.62	—	pCi/L	Y	—	NQ	2018-739	CASA-18-148007	GELC
R-35a	1013.1	11/09/15	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	1.73	0.408	1.27	—	pCi/L	Y	—	NQ	2016-299	CASA-16-106241	GELC
R-35a	1013.1	11/10/14	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.345	0.574	1.92	—	pCi/L	Y	U	U	2015-264	CASA-15-90250	GELC
R-35a	1013.1	11/13/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.02	0.808	2.13	—	pCi/L	Y	—	NQ	2013-312	CASA-13-24210	GELC
R-35a	1013.1	07/07/10	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.4	0.86	2.8	—	pCi/L	Y	U	U	10-3610	CASA-10-22660	GELC
R-35a	1013.1	11/06/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	80.6	—	—	0.453	mg/L	Y	—	NQ	2018-739	CASA-18-148005	GELC
R-35a	1013.1	07/26/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	80.2	—	—	0.453	mg/L	Y	—	NQ	2017-2116	CASA-17-142007	GELC
R-35a	1013.1	05/02/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	76.2	—	—	0.453	mg/L	Y	—	NQ	2017-1471	CASA-17-132320	GELC
R-35a	1013.1	02/09/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	76.5	—	—	0.453	mg/L	Y	—	NQ	2017-1003	CASA-17-129325	GELC
R-35a	1013.1	11/09/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	77.5	—	—	0.453	mg/L	Y	—	NQ	2017-432	CASA-17-127291	GELC
R-35a	1013.1	08/01/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	81.3	—	—	0.453	mg/L	Y	—	NQ	2016-1854	CASA-16-124343	GELC
R-35a	1013.1	05/02/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	76.9	—	—	0.453	mg/L	Y	—	NQ	2016-1136	CASA-16-115489	GELC
R-35a	1013.1	02/02/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	74.4	—	—	0.453	mg/L	Y	—	NQ	2016-675	CASA-16-110064	GELC
R-35a	1013.1	02/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	33	—	—	30	µg/L	Y	J	J	2017-1003	CASA-17-129325	GELC
R-35a	1013.1	11/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	100	—	—	30	µg/L	Y	U	U	2017-432	CASA-17-127291	GELC
R-35a	1013.1	08/01/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	100	—	—	30	µg/L	Y	U	U	2016-1854	CASA-16-124343	GELC
R-35a	1013.1	05/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	100	—	—	30	µg/L	Y	U	U	2016-1136	CASA-16-115489	GELC
R-35a	1013.1	02/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	100	—	—	30	µg/L	Y	U	U	2016-675	CASA-16-110064	GELC
R-35a	1013.1	11/06/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.91	—	—	0.11	mg/L	Y	—	NQ	2018-739	CASA-18-148005	GELC
R-35a	1013.1	07/26/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.83	—	—	0.11	mg/L	Y	—	NQ	2017-2116	CASA-17-142007	GELC
R-35a	1013.1	05/02/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.54	—	—	0.11	mg/L	Y	—	NQ	2017-1471	CASA-17-132320	GELC
R-35a	1013.1	02/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.69	—	—	0.11	mg/L	Y	—	NQ	2017-1003	CASA-17-129325	GELC
R-35a	1013.1	11/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.6	—	—	0.11	mg/L	Y	—	NQ	2017-432	CASA-17-127291	GELC
R-35a	1013.1	08/01/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.93	—	—	0.11	mg/L	Y	—	NQ	2016-1854	CASA-16-124343	GELC
R-35a	1013.1	05/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.81	—	—	0.11	mg/L	Y	—	NQ	2016-1136	CASA-16-115489	GELC
R-35a	1013.1	02/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.57	—	—	0.11	mg/L	Y	—	NQ	2016-675	CASA-16-110064	GELC
R-35a	1013.1	11/06/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.17	—	—	0.2	µg/L	Y	—	NQ	2018-739	CASA-18-148005	GELC
R-35a	1013.1	07/26/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.05	—	—	0.2	µg/L	Y	—	NQ	2017-2116	CASA-17-142007	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-35a	1013.1	05/02/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.19	—	—	0.2	µg/L	Y	—	NQ	2017-1471	CASA-17-132320	GELC
R-35a	1013.1	02/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.14	—	—	0.3	µg/L	Y	—	NQ	2017-1003	CASA-17-129325	GELC
R-35a	1013.1	11/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.05	—	—	0.3	µg/L	Y	—	NQ	2017-432	CASA-17-127291	GELC
R-35a	1013.1	08/01/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.22	—	—	0.165	µg/L	Y	—	J	2016-1854	CASA-16-124343	GELC
R-35a	1013.1	05/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.17	—	—	0.165	µg/L	Y	—	NQ	2016-1136	CASA-16-115489	GELC
R-35a	1013.1	02/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.36	—	—	0.165	µg/L	Y	—	NQ	2016-675	CASA-16-110064	GELC
R-35a	1013.1	11/06/17	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.14	1.89	7.02	—	pCi/L	Y	U	U	2018-739	CASA-18-148007	GELC
R-35a	1013.1	11/09/15	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	3.19	2.91	10.1	—	pCi/L	Y	U	U	2016-299	CASA-16-106241	GELC
R-35a	1013.1	11/10/14	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.67	2.99	10.7	—	pCi/L	Y	U	U	2015-264	CASA-15-90250	GELC
R-35a	1013.1	11/13/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.15	2.81	9.64	—	pCi/L	Y	U	U	2013-312	CASA-13-24210	GELC
R-35a	1013.1	07/07/10	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.873	2.2	7.6	—	pCi/L	Y	U	U	10-3610	CASA-10-22660	GELC
R-35a	1013.1	11/06/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	7.58	—	—	0.6	µg/L	Y	—	NQ	2018-739	CASA-18-148005	GELC
R-35a	1013.1	07/26/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	3.79	—	—	0.6	µg/L	Y	—	NQ	2017-2116	CASA-17-142007	GELC
R-35a	1013.1	05/02/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	5.01	—	—	0.6	µg/L	Y	—	NQ	2017-1471	CASA-17-132320	GELC
R-35a	1013.1	02/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	6.49	—	—	0.5	µg/L	Y	—	NQ	2017-1003	CASA-17-129325	GELC
R-35a	1013.1	11/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	7.46	—	—	0.5	µg/L	Y	—	NQ	2017-432	CASA-17-127291	GELC
R-35a	1013.1	08/01/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	12.7	—	—	0.5	µg/L	Y	—	NQ	2016-1854	CASA-16-124343	GELC
R-35a	1013.1	05/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	5.66	—	—	0.5	µg/L	Y	—	NQ	2016-1136	CASA-16-115489	GELC
R-35a	1013.1	02/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	11.1	—	—	0.5	µg/L	Y	—	NQ	2016-675	CASA-16-110064	GELC
R-35a	1013.1	11/06/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.406	—	—	0.017	mg/L	Y	—	NQ	2018-739	CASA-18-148005	GELC
R-35a	1013.1	07/26/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.504	—	—	0.017	mg/L	Y	—	NQ	2017-2116	CASA-17-142007	GELC
R-35a	1013.1	05/02/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.431	—	—	0.017	mg/L	Y	—	NQ	2017-1471	CASA-17-132320	GELC
R-35a	1013.1	02/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.438	—	—	0.017	mg/L	Y	—	NQ	2017-1003	CASA-17-129325	GELC
R-35a	1013.1	11/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.477	—	—	0.017	mg/L	Y	—	NQ	2017-432	CASA-17-127291	GELC
R-35a	1013.1	08/01/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.452	—	—	0.017	mg/L	Y	—	NQ	2016-1854	CASA-16-124343	GELC
R-35a	1013.1	05/02/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.492	—	—	0.017	mg/L	Y	—	NQ	2016-1136	CASA-16-115489	GELC
R-35a	1013.1	02/02/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.418	—	—	0.017	mg/L	Y	—	NQ	2016-675	CASA-16-110064	GELC
R-35a	1013.1	11/06/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.4	—	—	0.05	µg/L	Y	—	NQ	2018-739	CASA-18-148005	GELC
R-35a	1013.1	07/26/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.427	—	—	0.05	µg/L	Y	—	NQ	2017-2116	CASA-17-142007	GELC
R-35a	1013.1	05/02/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.398	—	—	0.05	µg/L	Y	—	NQ	2017-1471	CASA-17-132320	GELC
R-35a	1013.1	02/09/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.427	—	—	0.05	µg/L	Y	—	NQ	2017-1003	CASA-17-129325	GELC
R-35a	1013.1	11/09/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.441	—	—	0.05	µg/L	Y	—	NQ	2017-432	CASA-17-127291	GELC
R-35a	1013.1	08/01/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.422	—	—	0.05	µg/L	Y	—	NQ	2016-1854	CASA-16-124343	GELC
R-35a	1013.1	05/02/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.437	—	—	0.05	µg/L	Y	—	NQ	2016-1136	CASA-16-115489	GELC
R-35a	1013.1	02/02/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.434	—	—	0.05	µg/L	Y	—	NQ	2016-675	CASA-16-110064	GELC
R-35a	1013.1	11/06/17	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00251	0.00973	0.037	—	pCi/L	Y	U	U	2018-739	CASA-18-148007	GELC
R-35a	1013.1	11/09/15	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0107	0.0103	0.025	—	pCi/L	Y	U	U	2016-299	CASA-16-106241	GELC
R-35a	1013.1	11/10/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.00389	0.0368	—	pCi/L	Y	U	U	2015-264	CASA-15-90250	GELC
R-35a	1013.1	11/13/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00916	0.00857	0.022	—	pCi/L	Y	U	U	2013-312	CASA-13-24210	GELC
R-35a	1013.1	07/07/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00168	0.0024	0.022	—	pCi/L	Y	U	U	10-3610	CASA-10-22660	GELC
R-35a	1013.1	11/06/17	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.01	0.0107	0.0529	—	pCi/L	Y	U	U	2018-739	CASA-18-148007	GELC
R-35a	1013.1	11/09/15	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00856	0.00908	0.0481	—	pCi/L	Y	U	U	2016-299	CASA-16-106241	GELC
R-35a	1013.1	11/10/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00549	0.00673	0.0543	—	pCi/L	Y	U	U	2015-264	CASA-15-90250	GELC
R-35a	1013.1	11/13/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00687	0.00606	0.0366	—	pCi/L	Y	U	U	2013-312	CASA-13-24210	GELC
R-35a	1013.1	07/07/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.0024	0.023	—	pCi/L	Y	U	U	10-3610	CASA-10-22660	GELC
R-35a	1013.1	11/06/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.95	—	—	0.05	mg/L	Y	—	NQ	2018-739	CASA-18-148005	GELC
R-35a	1013.1	07/26/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.85	—	—	0.05	mg/L	Y	—	NQ	2017-2116	CASA-17-142007	GELC
R-35a	1013.1	05/02/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.82	—	—	0.05	mg/L	Y	—	NQ	2017-1471	CASA-17-132320	GELC
R-35a	1013.1	02/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.62	—	—	0.05	mg/L	Y	—	NQ	2017-1003	CASA-17-129325	GELC
R-35a	1013.1	11/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.81	—	—	0.05	mg/L	Y	—	NQ	2017-432	CASA-17-127291	GELC
R-35a	1013.1	08/01/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.79	—	—	0.05	mg/L	Y	—	NQ	2016-1854	CASA-16-124343	GELC
R-35a	1013.1	05/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	4.01	—	—	0.05	mg/L	Y	—	NQ	2016-1136	CASA-16-115489	GELC
R-35a	1013.1	02/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.78	—	—	0.05	mg/L	Y	—	NQ	2016-675	CASA-16-110064	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-35a	1013.1	11/06/17	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-12.9	11.4	48.8	—	pCi/L	Y	U	U	2018-739	CASA-18-148007	GELC
R-35a	1013.1	11/09/15	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	2.46	16.1	65.8	—	pCi/L	Y	U	U	2016-299	CASA-16-106241	GELC
R-35a	1013.1	11/10/14	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-8.84	18.5	68.1	—	pCi/L	Y	U	U	2015-264	CASA-15-90250	GELC
R-35a	1013.1	11/13/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-15.7	19.5	71.3	—	pCi/L	Y	U	U	2013-312	CASA-13-24210	GELC
R-35a	1013.1	07/07/10	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	2.05	15	47	—	pCi/L	Y	U	U	10-3610	CASA-10-22660	GELC
R-35a	1013.1	11/06/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	78.6	—	—	0.053	mg/L	Y	—	J-	2018-739	CASA-18-148005	GELC
R-35a	1013.1	07/26/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	80.3	—	—	0.053	mg/L	Y	—	NQ	2017-2116	CASA-17-142007	GELC
R-35a	1013.1	05/02/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	80.1	—	—	0.053	mg/L	Y	—	NQ	2017-1471	CASA-17-132320	GELC
R-35a	1013.1	02/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	77.3	—	—	0.053	mg/L	Y	—	NQ	2017-1003	CASA-17-129325	GELC
R-35a	1013.1	11/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	77.1	—	—	0.053	mg/L	Y	—	NQ	2017-432	CASA-17-127291	GELC
R-35a	1013.1	08/01/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	80.9	—	—	0.053	mg/L	Y	—	J-	2016-1854	CASA-16-124343	GELC
R-35a	1013.1	05/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	81.9	—	—	0.053	mg/L	Y	—	NQ	2016-1136	CASA-16-115489	GELC
R-35a	1013.1	02/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	77.9	—	—	0.053	mg/L	Y	—	NQ	2016-675	CASA-16-110064	GELC
R-35a	1013.1	11/06/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	16.1	—	—	0.1	mg/L	Y	—	NQ	2018-739	CASA-18-148005	GELC
R-35a	1013.1	07/26/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	18.5	—	—	0.1	mg/L	Y	—	NQ	2017-2116	CASA-17-142007	GELC
R-35a	1013.1	05/02/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	17.2	—	—	0.1	mg/L	Y	—	NQ	2017-1471	CASA-17-132320	GELC
R-35a	1013.1	02/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	18.3	—	—	0.1	mg/L	Y	—	NQ	2017-1003	CASA-17-129325	GELC
R-35a	1013.1	11/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	16.6	—	—	0.1	mg/L	Y	—	NQ	2017-432	CASA-17-127291	GELC
R-35a	1013.1	08/01/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	17.1	—	—	0.1	mg/L	Y	—	NQ	2016-1854	CASA-16-124343	GELC
R-35a	1013.1	05/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	18.3	—	—	0.1	mg/L	Y	—	NQ	2016-1136	CASA-16-115489	GELC
R-35a	1013.1	02/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	17.4	—	—	0.1	mg/L	Y	—	NQ	2016-675	CASA-16-110064	GELC
R-35a	1013.1	11/06/17	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.46	0.913	2.44	—	pCi/L	Y	U	U	2018-739	CASA-18-148007	GELC
R-35a	1013.1	11/09/15	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.576	1.3	4.52	—	pCi/L	Y	U	U	2016-299	CASA-16-106241	GELC
R-35a	1013.1	11/10/14	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.26	1.42	4.98	—	pCi/L	Y	U	U	2015-264	CASA-15-90250	GELC
R-35a	1013.1	11/13/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.18	1.5	5.13	—	pCi/L	Y	U	U	2013-312	CASA-13-24210	GELC
R-35a	1013.1	07/07/10	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.08	1.1	3.9	—	pCi/L	Y	U	U	10-3610	CASA-10-22660	GELC
R-35a	1013.1	11/06/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	294	—	—	1	µS/cm	Y	—	NQ	2018-739	CASA-18-148005	GELC
R-35a	1013.1	07/26/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	244	—	—	1	µS/cm	Y	—	NQ	2017-2116	CASA-17-142007	GELC
R-35a	1013.1	05/02/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	283	—	—	1	µS/cm	Y	—	NQ	2017-1471	CASA-17-132320	GELC
R-35a	1013.1	02/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	236	—	—	1	µS/cm	Y	—	NQ	2017-1003	CASA-17-129325	GELC
R-35a	1013.1	11/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	239	—	—	1	µS/cm	Y	—	NQ	2017-432	CASA-17-127291	GELC
R-35a	1013.1	08/01/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	222	—	—	3.63	µS/cm	Y	—	NQ	2016-1854	CASA-16-124343	GELC
R-35a	1013.1	05/02/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	243	—	—	3.63	µS/cm	Y	—	NQ	2016-1136	CASA-16-115489	GELC
R-35a	1013.1	02/02/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	283	—	—	1	µS/cm	Y	—	NQ	2016-675	CASA-16-110064	GELC
R-35a	1013.1	11/06/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	164	—	—	1	µg/L	Y	—	NQ	2018-739	CASA-18-148005	GELC
R-35a	1013.1	07/26/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	178	—	—	1	µg/L	Y	—	NQ	2017-2116	CASA-17-142007	GELC
R-35a	1013.1	05/02/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	178	—	—	1	µg/L	Y	—	NQ	2017-1471	CASA-17-132320	GELC
R-35a	1013.1	02/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	159	—	—	1	µg/L	Y	—	NQ	2017-1003	CASA-17-129325	GELC
R-35a	1013.1	11/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	156	—	—	1	µg/L	Y	—	NQ	2017-432	CASA-17-127291	GELC
R-35a	1013.1	08/01/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	158	—	—	1	µg/L	Y	E	NQ	2016-1854	CASA-16-124343	GELC
R-35a	1013.1	05/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	187	—	—	1	µg/L	Y	—	NQ	2016-1136	CASA-16-115489	GELC
R-35a	1013.1	02/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	158	—	—	1	µg/L	Y	—	NQ	2016-675	CASA-16-110064	GELC
R-35a	1013.1	11/06/17	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.169	0.108	0.466	—	pCi/L	Y	U	U	2018-739	CASA-18-148007	GELC
R-35a	1013.1	11/09/15	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0963	0.126	0.498	—	pCi/L	Y	U	U	2016-299	CASA-16-106241	GELC
R-35a	1013.1	11/10/14	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.194	0.12	0.481	—	pCi/L	Y	U	U	2015-264	CASA-15-90250	GELC
R-35a	1013.1	11/13/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.458	0.154	0.482	—	pCi/L	Y	U	U	2013-312	CASA-13-24210	GELC
R-35a	1013.1	07/07/10	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.233	0.12	0.46	—	pCi/L	Y	U	U	10-3610	CASA-10-22660	GELC
R-35a	1013.1	11/06/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.48	—	—	0.133	mg/L	Y	—	NQ	2018-739	CASA-18-148005	GELC
R-35a	1013.1	07/26/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.7	—	—	0.133	mg/L	Y	—	NQ	2017-2116	CASA-17-142007	GELC
R-35a	1013.1	05/02/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.83	—	—	0.133	mg/L	Y	—	NQ	2017-1471	CASA-17-132320	GELC
R-35a	1013.1	02/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.43	—	—	0.133	mg/L	Y	—	NQ	2017-1003	CASA-17-129325	GELC
R-35a	1013.1	11/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.64	—	—	0.133	mg/L	Y	—	NQ	2017-432	CASA-17-127291	GELC
R-35a	1013.1	08/01/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.53	—	—	0.133	mg/L	Y	—	NQ	2016-1854	CASA-16-124343	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-35a	1013.1	05/02/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.75	—	—	0.133	mg/L	Y	—	NQ	2016-1136	CASA-16-115489	GELC
R-35a	1013.1	02/02/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.68	—	—	0.133	mg/L	Y	—	NQ	2016-675	CASA-16-110064	GELC
R-35a	1013.1	11/06/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	2018-739	CASA-18-148005	GELC
R-35a	1013.1	11/06/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	2018-739	CASA-18-148007	GELC
R-35a	1013.1	07/26/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2017-2116	CASA-17-142015	GELC
R-35a	1013.1	07/26/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2017-2116	CASA-17-142007	GELC
R-35a	1013.1	05/02/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	2017-1471	CASA-17-132320	GELC
R-35a	1013.1	05/02/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	2017-1471	CASA-17-132329	GELC
R-35a	1013.1	11/06/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	3.12	—	—	2.5	µg/L	Y	J	J	2018-739	CASA-18-148005	GELC
R-35a	1013.1	07/26/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	2.7	—	—	2.5	µg/L	Y	J	J	2017-2116	CASA-17-142007	GELC
R-35a	1013.1	05/02/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	4.24	—	—	2.5	µg/L	Y	J	J	2017-1471	CASA-17-132320	GELC
R-35a	1013.1	02/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	2.66	—	—	2.5	µg/L	Y	J	J	2017-1003	CASA-17-129325	GELC
R-35a	1013.1	11/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	2017-432	CASA-17-127291	GELC
R-35a	1013.1	08/01/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	2016-1854	CASA-16-124343	GELC
R-35a	1013.1	05/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	2016-1136	CASA-16-115489	GELC
R-35a	1013.1	02/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	2016-675	CASA-16-110064	GELC
R-35a	1013.1	11/06/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	199	—	—	3.4	mg/L	Y	—	NQ	2018-739	CASA-18-148005	GELC
R-35a	1013.1	07/26/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	204	—	—	3.4	mg/L	Y	—	NQ	2017-2116	CASA-17-142007	GELC
R-35a	1013.1	05/02/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	207	—	—	3.4	mg/L	Y	—	NQ	2017-1471	CASA-17-132320	GELC
R-35a	1013.1	02/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	196	—	—	3.4	mg/L	Y	—	NQ	2017-1003	CASA-17-129325	GELC
R-35a	1013.1	11/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	211	—	—	3.4	mg/L	Y	—	NQ	2017-432	CASA-17-127291	GELC
R-35a	1013.1	08/01/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	204	—	—	3.4	mg/L	Y	—	J	2016-1854	CASA-16-124343	GELC
R-35a	1013.1	05/02/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	239	—	—	3.4	mg/L	Y	—	NQ	2016-1136	CASA-16-115489	GELC
R-35a	1013.1	02/02/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	204	—	—	3.4	mg/L	Y	—	J	2016-675	CASA-16-110064	GELC
R-35a	1013.1	11/06/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.341	—	—	0.33	mg/L	Y	J	J	2018-739	CASA-18-148007	GELC
R-35a	1013.1	07/26/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.369	—	—	0.33	mg/L	Y	J	J	2017-2116	CASA-17-142015	GELC
R-35a	1013.1	05/02/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.357	—	—	0.33	mg/L	Y	J	J	2017-1471	CASA-17-132329	GELC
R-35a	1013.1	02/09/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.389	—	—	0.33	mg/L	Y	J	J	2017-1003	CASA-17-129331	GELC
R-35a	1013.1	11/09/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.382	—	—	0.33	mg/L	Y	J	J	2017-432	CASA-17-127272	GELC
R-35a	1013.1	08/01/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.532	—	—	0.33	mg/L	Y	J	J	2016-1854	CASA-16-124327	GELC
R-35a	1013.1	05/02/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.391	—	—	0.33	mg/L	Y	J	J	2016-1136	CASA-16-115480	GELC
R-35a	1013.1	02/02/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.408	—	—	0.33	mg/L	Y	J	J	2016-675	CASA-16-110055	GELC
R-35a	1013.1	02/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.089	—	—	0.02	mg/L	Y	—	NQ	2017-1003	CASA-17-129325	GELC
R-35a	1013.1	11/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0288	—	—	0.02	mg/L	Y	J	J	2017-432	CASA-17-127291	GELC
R-35a	1013.1	08/01/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0238	—	—	0.02	mg/L	Y	J	J	2016-1854	CASA-16-124343	GELC
R-35a	1013.1	05/02/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0408	—	—	0.017	mg/L	Y	J	J	2016-1136	CASA-16-115489	GELC
R-35a	1013.1	02/02/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0243	—	—	0.017	mg/L	Y	J	U	2016-675	CASA-16-110064	GELC
R-35a	1013.1	11/06/17	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.286	0.672	2.294	—	pCi/L	Y	U	U	2018-835	CASA-18-148007	ARSL
R-35a	1013.1	11/09/16	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.874	0.661	2.145	—	pCi/L	Y	U	U	2017-494	CASA-17-127272	ARSL
R-35a	1013.1	11/09/15	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.41	0.621	2.077	—	pCi/L	Y	U	U	2016-322	CASA-16-106241	ARSL
R-35a	1013.1	11/10/14	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.643	0.628	2.067	—	pCi/L	Y	U	U	2015-311	CASA-15-90250	ARSL
R-35a	1013.1	11/13/13	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.556	0.631	2.091	—	pCi/L	Y	U	U	2014-2522	CASA-14-45705	ARSL
R-35a	1013.1	11/06/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.742	—	—	0.067	µg/L	Y	—	NQ	2018-739	CASA-18-148005	GELC
R-35a	1013.1	07/26/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.616	—	—	0.067	µg/L	Y	—	NQ	2017-2116	CASA-17-142007	GELC
R-35a	1013.1	05/02/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.636	—	—	0.067	µg/L	Y	—	NQ	2017-1471	CASA-17-132320	GELC
R-35a	1013.1	02/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.61	—	—	0.067	µg/L	Y	—	NQ	2017-1003	CASA-17-129325	GELC
R-35a	1013.1	11/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.614	—	—	0.067	µg/L	Y	—	NQ	2017-432	CASA-17-127291	GELC
R-35a	1013.1	08/01/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.633	—	—	0.067	µg/L	Y	—	NQ	2016-1854	CASA-16-124343	GELC
R-35a	1013.1	05/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.603	—	—	0.067	µg/L	Y	—	NQ	2016-1136	CASA-16-115489	GELC
R-35a	1013.1	02/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.603	—	—	0.067	µg/L	Y	—	NQ	2016-675	CASA-16-110064	GELC
R-35a	1013.1	11/06/17	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.626	0.0418	0.129	—	pCi/L	Y	—	NQ	2018-739	CASA-18-148007	GELC
R-35a	1013.1	11/09/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.479	0.0343	0.0745	—	pCi/L	Y	—	NQ	2016-299	CASA-16-106241	GELC
R-35a	1013.1	11/10/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.452	0.0351	0.0538	—	pCi/L	Y	—	NQ	2015-264	CASA-15-90250	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-35a	1013.1	11/13/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.413	0.0351	0.0615	—	pCi/L	Y	—	NQ	2013-312	CASA-13-24210	GELC
R-35a	1013.1	07/07/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.476	0.05	0.068	—	pCi/L	Y	—	NQ	10-3610	CASA-10-22660	GELC
R-35a	1013.1	11/06/17	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0321	0.0111	0.0559	—	pCi/L	Y	U	U	2018-739	CASA-18-148007	GELC
R-35a	1013.1	11/09/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0395	0.012	0.065	—	pCi/L	Y	U	U	2016-299	CASA-16-106241	GELC
R-35a	1013.1	11/10/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00000000108	0.00796	0.0469	—	pCi/L	Y	U	U	2015-264	CASA-15-90250	GELC
R-35a	1013.1	11/13/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00983	0.00867	0.0384	—	pCi/L	Y	U	U	2013-312	CASA-13-24210	GELC
R-35a	1013.1	07/07/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00651	0.0065	0.041	—	pCi/L	Y	U	U	10-3610	CASA-10-22660	GELC
R-35a	1013.1	11/06/17	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.229	0.0257	0.0756	—	pCi/L	Y	—	NQ	2018-739	CASA-18-148007	GELC
R-35a	1013.1	11/09/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.196	0.0219	0.0735	—	pCi/L	Y	—	NQ	2016-299	CASA-16-106241	GELC
R-35a	1013.1	11/10/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.244	0.0259	0.0516	—	pCi/L	Y	—	NQ	2015-264	CASA-15-90250	GELC
R-35a	1013.1	11/13/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.202	0.0237	0.0418	—	pCi/L	Y	—	NQ	2013-312	CASA-13-24210	GELC
R-35a	1013.1	07/07/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.176	0.025	0.047	—	pCi/L	Y	—	NQ	10-3610	CASA-10-22660	GELC
R-35a	1013.1	11/06/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	15.8	—	—	1	µg/L	Y	—	NQ	2018-739	CASA-18-148005	GELC
R-35a	1013.1	07/26/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	16.9	—	—	1	µg/L	Y	—	NQ	2017-2116	CASA-17-142007	GELC
R-35a	1013.1	05/02/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	16.1	—	—	1	µg/L	Y	—	NQ	2017-1471	CASA-17-132320	GELC
R-35a	1013.1	02/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	15.2	—	—	1	µg/L	Y	—	NQ	2017-1003	CASA-17-129325	GELC
R-35a	1013.1	11/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	16.7	—	—	1	µg/L	Y	—	NQ	2017-432	CASA-17-127291	GELC
R-35a	1013.1	08/01/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	16.8	—	—	1	µg/L	Y	—	NQ	2016-1854	CASA-16-124343	GELC
R-35a	1013.1	05/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	16.9	—	—	1	µg/L	Y	—	NQ	2016-1136	CASA-16-115489	GELC
R-35a	1013.1	02/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	15.6	—	—	1	µg/L	Y	—	NQ	2016-675	CASA-16-110064	GELC
R-35a	1013.1	07/26/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	3.53	—	—	3.3	µg/L	Y	J	J	2017-2116	CASA-17-142007	GELC
R-35a	1013.1	05/02/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2017-1471	CASA-17-132320	GELC
R-35a	1013.1	02/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2017-1003	CASA-17-129325	GELC
R-35a	1013.1	11/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2017-432	CASA-17-127291	GELC
R-35a	1013.1	08/01/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2016-1854	CASA-16-124343	GELC
R-35b	825.4	11/06/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.9	—	—	0.01	SU	Y	H	NQ	2018-739	CASA-18-148006	GELC
R-35b	825.4	07/26/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.83	—	—	0.01	SU	Y	H	NQ	2017-2115	CASA-17-142008	GELC
R-35b	825.4	05/02/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.9	—	—	0.01	SU	Y	H	NQ	2017-1471	CASA-17-132321	GELC
R-35b	825.4	02/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.86	—	—	0.01	SU	Y	H	NQ	2017-1005	CASA-17-129326	GELC
R-35b	825.4	11/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.81	—	—	0.01	SU	Y	H	NQ	2017-432	CASA-17-127292	GELC
R-35b	825.4	08/01/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.81	—	—	0.01	SU	Y	H	NQ	2016-1854	CASA-16-124344	GELC
R-35b	825.4	05/02/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.9	—	—	0.01	SU	Y	H	NQ	2016-1135	CASA-16-115490	GELC
R-35b	825.4	02/02/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.73	—	—	0.01	SU	Y	H	NQ	2016-675	CASA-16-110065	GELC
R-35b	825.4	11/06/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	74.8	—	—	1.45	mg/L	Y	—	NQ	2018-739	CASA-18-148006	GELC
R-35b	825.4	07/26/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	75	—	—	1.45	mg/L	Y	—	NQ	2017-2115	CASA-17-142008	GELC
R-35b	825.4	05/02/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	75.4	—	—	1.45	mg/L	Y	—	NQ	2017-1471	CASA-17-132321	GELC
R-35b	825.4	02/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	76	—	—	1.45	mg/L	Y	—	NQ	2017-1005	CASA-17-129326	GELC
R-35b	825.4	11/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	73.7	—	—	1.45	mg/L	Y	—	NQ	2017-432	CASA-17-127292	GELC
R-35b	825.4	08/01/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	75.3	—	—	1.45	mg/L	Y	—	NQ	2016-1854	CASA-16-124344	GELC
R-35b	825.4	05/02/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	70.6	—	—	0.725	mg/L	Y	—	NQ	2016-1135	CASA-16-115490	GELC
R-35b	825.4	02/02/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	73.7	—	—	0.725	mg/L	Y	—	NQ	2016-675	CASA-16-110065	GELC
R-35b	825.4	11/06/17	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0077	0.00667	0.0343	—	pCi/L	Y	U	U	2018-739	CASA-18-148008	GELC
R-35b	825.4	11/06/15	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00231	0.00611	0.0312	—	pCi/L	Y	U	U	2016-287	CASA-16-106242	GELC
R-35b	825.4	11/06/14	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00262	0.0131	0.0548	—	pCi/L	Y	U	U	2015-251	CASA-15-90251	GELC
R-35b	825.4	11/14/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0027	0.00603	0.0307	—	pCi/L	Y	U	U	2013-321	CASA-13-24211	GELC
R-35b	825.4	07/13/10	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00826	0.0044	0.031	—	pCi/L	Y	U	U	10-3679	CASA-10-22690	GELC
R-35b	825.4	07/13/10	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00377	0.0036	0.034	—	pCi/L	Y	U	U	10-3679	CASA-10-22663	GELC
R-35b	825.4	11/06/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0531	—	—	0.017	mg/L	Y	—	NQ	2018-739	CASA-18-148006	GELC
R-35b	825.4	07/26/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0337	—	—	0.017	mg/L	Y	J	J	2017-2115	CASA-17-142008	GELC
R-35b	825.4	05/02/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0373	—	—	0.017	mg/L	Y	J	J	2017-1471	CASA-17-132321	GELC
R-35b	825.4	02/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0212	—	—	0.017	mg/L	Y	J	J	2017-1005	CASA-17-129326	GELC
R-35b	825.4	11/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.235	—	—	0.017	mg/L	Y	—	J	2017-432	CASA-17-127292	GELC
R-35b	825.4	08/01/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0361	—	—	0.017	mg/L	Y	J	U	2016-1854	CASA-16-124344	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-35b	825.4	05/02/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.058	—	—	0.017	mg/L	Y	—	J	2016-1135	CASA-16-115490	GELC
R-35b	825.4	02/02/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0415	—	—	0.017	mg/L	Y	J	J	2016-675	CASA-16-110065	GELC
R-35b	825.4	11/06/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.69	—	—	2	µg/L	Y	J	J	2018-739	CASA-18-148006	GELC
R-35b	825.4	07/26/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.6	—	—	2	µg/L	Y	J	J	2017-2115	CASA-17-142008	GELC
R-35b	825.4	05/02/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.24	—	—	2	µg/L	Y	J	J	2017-1471	CASA-17-132321	GELC
R-35b	825.4	02/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.93	—	—	1.7	µg/L	Y	J	J	2017-1005	CASA-17-129326	GELC
R-35b	825.4	11/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.73	—	—	1.7	µg/L	Y	J	J	2017-432	CASA-17-127292	GELC
R-35b	825.4	08/01/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.03	—	—	1.7	µg/L	Y	J	J	2016-1854	CASA-16-124344	GELC
R-35b	825.4	05/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2016-1135	CASA-16-115490	GELC
R-35b	825.4	02/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.51	—	—	1.7	µg/L	Y	J	J	2016-675	CASA-16-110065	GELC
R-35b	825.4	11/06/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	38.5	—	—	1	µg/L	Y	—	NQ	2018-739	CASA-18-148006	GELC
R-35b	825.4	07/26/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	38.2	—	—	1	µg/L	Y	—	NQ	2017-2115	CASA-17-142008	GELC
R-35b	825.4	05/02/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	35.8	—	—	1	µg/L	Y	—	NQ	2017-1471	CASA-17-132321	GELC
R-35b	825.4	02/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	36.6	—	—	1	µg/L	Y	—	NQ	2017-1005	CASA-17-129326	GELC
R-35b	825.4	11/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	37.7	—	—	1	µg/L	Y	—	NQ	2017-432	CASA-17-127292	GELC
R-35b	825.4	08/01/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	39.5	—	—	1	µg/L	Y	—	NQ	2016-1854	CASA-16-124344	GELC
R-35b	825.4	05/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	35.7	—	—	1	µg/L	Y	—	NQ	2016-1135	CASA-16-115490	GELC
R-35b	825.4	02/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	37.3	—	—	1	µg/L	Y	—	NQ	2016-675	CASA-16-110065	GELC
R-35b	825.4	11/06/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	24.6	—	—	15	µg/L	Y	J	J	2018-739	CASA-18-148006	GELC
R-35b	825.4	07/26/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	24	—	—	15	µg/L	Y	J	J	2017-2115	CASA-17-142008	GELC
R-35b	825.4	05/02/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	23.4	—	—	15	µg/L	Y	J	J	2017-1471	CASA-17-132321	GELC
R-35b	825.4	02/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	22.9	—	—	15	µg/L	Y	J	J	2017-1005	CASA-17-129326	GELC
R-35b	825.4	11/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	23	—	—	15	µg/L	Y	J	J	2017-432	CASA-17-127292	GELC
R-35b	825.4	08/01/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	22.5	—	—	15	µg/L	Y	J	J	2016-1854	CASA-16-124344	GELC
R-35b	825.4	05/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	24	—	—	15	µg/L	Y	J	J	2016-1135	CASA-16-115490	GELC
R-35b	825.4	02/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	25.6	—	—	15	µg/L	Y	J	J	2016-675	CASA-16-110065	GELC
R-35b	825.4	11/06/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	15.7	—	—	0.05	mg/L	Y	—	NQ	2018-739	CASA-18-148006	GELC
R-35b	825.4	07/26/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	15.3	—	—	0.05	mg/L	Y	E	NQ	2017-2115	CASA-17-142008	GELC
R-35b	825.4	05/02/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	14.8	—	—	0.05	mg/L	Y	—	NQ	2017-1471	CASA-17-132321	GELC
R-35b	825.4	02/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	14.4	—	—	0.05	mg/L	Y	—	NQ	2017-1005	CASA-17-129326	GELC
R-35b	825.4	11/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	15.8	—	—	0.05	mg/L	Y	—	NQ	2017-432	CASA-17-127292	GELC
R-35b	825.4	08/01/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	15.9	—	—	0.05	mg/L	Y	—	NQ	2016-1854	CASA-16-124344	GELC
R-35b	825.4	05/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	14.8	—	—	0.05	mg/L	Y	—	NQ	2016-1135	CASA-16-115490	GELC
R-35b	825.4	02/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	14.7	—	—	0.05	mg/L	Y	—	NQ	2016-675	CASA-16-110065	GELC
R-35b	825.4	11/06/17	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.44	1.74	5.92	—	pCi/L	Y	U	U	2018-739	CASA-18-148008	GELC
R-35b	825.4	11/06/15	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.734	1.4	5.05	—	pCi/L	Y	U	U	2016-287	CASA-16-106242	GELC
R-35b	825.4	11/06/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.81	1.38	5.34	—	pCi/L	Y	U	U	2015-251	CASA-15-90251	GELC
R-35b	825.4	11/14/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.738	1.56	5.66	—	pCi/L	Y	U	U	2013-321	CASA-13-24211	GELC
R-35b	825.4	07/13/10	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.49	1.5	4.6	—	pCi/L	Y	U	U	10-3679	CASA-10-22690	GELC
R-35b	825.4	07/13/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.54	1.3	4.9	—	pCi/L	Y	U	U	10-3679	CASA-10-22663	GELC
R-35b	825.4	11/06/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.79	—	—	0.067	mg/L	Y	—	NQ	2018-739	CASA-18-148006	GELC
R-35b	825.4	07/26/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.86	—	—	0.067	mg/L	Y	—	NQ	2017-2115	CASA-17-142008	GELC
R-35b	825.4	05/02/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.04	—	—	0.067	mg/L	Y	—	NQ	2017-1471	CASA-17-132321	GELC
R-35b	825.4	02/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.74	—	—	0.067	mg/L	Y	—	NQ	2017-1005	CASA-17-129326	GELC
R-35b	825.4	11/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.84	—	—	0.067	mg/L	Y	—	NQ	2017-432	CASA-17-127292	GELC
R-35b	825.4	08/01/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.82	—	—	0.067	mg/L	Y	—	J	2016-1854	CASA-16-124344	GELC
R-35b	825.4	05/02/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.87	—	—	0.067	mg/L	Y	—	NQ	2016-1135	CASA-16-115490	GELC
R-35b	825.4	02/02/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.85	—	—	0.067	mg/L	Y	—	NQ	2016-675	CASA-16-110065	GELC
R-35b	825.4	11/06/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.53	—	—	3	µg/L	Y	J	J	2018-739	CASA-18-148006	GELC
R-35b	825.4	07/26/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.47	—	—	3	µg/L	Y	J	J	2017-2115	CASA-17-142008	GELC
R-35b	825.4	05/02/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.07	—	—	3	µg/L	Y	J	J	2017-1471	CASA-17-132321	GELC
R-35b	825.4	02/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.1	—	—	3	µg/L	Y	J	J	2017-1005	CASA-17-129326	GELC
R-35b	825.4	11/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.13	—	—	3	µg/L	Y	J	J	2017-432	CASA-17-127292	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-35b	825.4	08/01/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.38	—	—	2	µg/L	Y	J	J	2016-1854	CASA-16-124344	GELC
R-35b	825.4	05/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	7.44	—	—	2	µg/L	Y	J	J	2016-1135	CASA-16-115490	GELC
R-35b	825.4	02/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.72	—	—	2	µg/L	Y	J	J	2016-675	CASA-16-110065	GELC
R-35b	825.4	11/06/17	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-2.65	2.12	6.67	—	pCi/L	Y	U	U	2018-739	CASA-18-148008	GELC
R-35b	825.4	11/06/15	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.85	0.756	4.59	—	pCi/L	Y	U	U	2016-287	CASA-16-106242	GELC
R-35b	825.4	11/06/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.506	1.35	5.21	—	pCi/L	Y	U	U	2015-251	CASA-15-90251	GELC
R-35b	825.4	11/14/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.83	1.26	5.41	—	pCi/L	Y	U	U	2013-321	CASA-13-24211	GELC
R-35b	825.4	07/13/10	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.34	1.5	5.7	—	pCi/L	Y	U	U	10-3679	CASA-10-22690	GELC
R-35b	825.4	07/13/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.602	1.4	5	—	pCi/L	Y	U	U	10-3679	CASA-10-22663	GELC
R-35b	825.4	11/06/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.465	—	—	0.033	mg/L	Y	—	NQ	2018-739	CASA-18-148006	GELC
R-35b	825.4	07/26/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.407	—	—	0.033	mg/L	Y	—	NQ	2017-2115	CASA-17-142008	GELC
R-35b	825.4	05/02/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.472	—	—	0.033	mg/L	Y	—	NQ	2017-1471	CASA-17-132321	GELC
R-35b	825.4	02/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.453	—	—	0.033	mg/L	Y	—	NQ	2017-1005	CASA-17-129326	GELC
R-35b	825.4	11/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.421	—	—	0.033	mg/L	Y	—	NQ	2017-432	CASA-17-127292	GELC
R-35b	825.4	08/01/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.455	—	—	0.033	mg/L	Y	—	J	2016-1854	CASA-16-124344	GELC
R-35b	825.4	05/02/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.473	—	—	0.033	mg/L	Y	—	NQ	2016-1135	CASA-16-115490	GELC
R-35b	825.4	02/02/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.439	—	—	0.033	mg/L	Y	—	NQ	2016-675	CASA-16-110065	GELC
R-35b	825.4	11/06/17	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.08	0.647	2.09	—	pCi/L	Y	U	U	2018-739	CASA-18-148008	GELC
R-35b	825.4	11/06/15	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.0615	0.714	2.78	—	pCi/L	Y	U	U	2016-287	CASA-16-106242	GELC
R-35b	825.4	11/06/14	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.09	0.86	2.92	—	pCi/L	Y	U	U	2015-251	CASA-15-90251	GELC
R-35b	825.4	11/14/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.603	0.59	2.13	—	pCi/L	Y	U	U	2013-321	CASA-13-24211	GELC
R-35b	825.4	07/13/10	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	1.61	0.96	3	—	pCi/L	Y	U	U	10-3679	CASA-10-22690	GELC
R-35b	825.4	07/13/10	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.89	1.1	2.6	—	pCi/L	Y	—	U	10-3679	CASA-10-22663	GELC
R-35b	825.4	11/06/17	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.07	0.857	2.88	—	pCi/L	Y	U	U	2018-739	CASA-18-148008	GELC
R-35b	825.4	11/06/15	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.292	0.411	1.36	—	pCi/L	Y	U	U	2016-287	CASA-16-106242	GELC
R-35b	825.4	11/06/14	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	-2.25	0.754	2.95	—	pCi/L	Y	U	U	2015-251	CASA-15-90251	GELC
R-35b	825.4	11/14/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.06	0.724	2.41	—	pCi/L	Y	U	U	2013-321	CASA-13-24211	GELC
R-35b	825.4	07/13/10	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	1.76	0.86	2.7	—	pCi/L	Y	U	U	10-3679	CASA-10-22690	GELC
R-35b	825.4	07/13/10	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.52	0.94	2.8	—	pCi/L	Y	U	U	10-3679	CASA-10-22663	GELC
R-35b	825.4	11/06/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	59.8	—	—	0.453	mg/L	Y	—	NQ	2018-739	CASA-18-148006	GELC
R-35b	825.4	07/26/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	58.2	—	—	0.453	mg/L	Y	—	NQ	2017-2115	CASA-17-142008	GELC
R-35b	825.4	05/02/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	56.5	—	—	0.453	mg/L	Y	—	NQ	2017-1471	CASA-17-132321	GELC
R-35b	825.4	02/09/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	55.2	—	—	0.453	mg/L	Y	—	NQ	2017-1005	CASA-17-129326	GELC
R-35b	825.4	11/09/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	59.6	—	—	0.453	mg/L	Y	—	NQ	2017-432	CASA-17-127292	GELC
R-35b	825.4	08/01/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	61.2	—	—	0.453	mg/L	Y	—	NQ	2016-1854	CASA-16-124344	GELC
R-35b	825.4	05/02/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	56.9	—	—	0.453	mg/L	Y	—	NQ	2016-1135	CASA-16-115490	GELC
R-35b	825.4	02/02/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	56.5	—	—	0.453	mg/L	Y	—	NQ	2016-675	CASA-16-110065	GELC
R-35b	825.4	11/06/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.98	—	—	0.11	mg/L	Y	—	NQ	2018-739	CASA-18-148006	GELC
R-35b	825.4	07/26/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.85	—	—	0.11	mg/L	Y	—	NQ	2017-2115	CASA-17-142008	GELC
R-35b	825.4	05/02/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.73	—	—	0.11	mg/L	Y	—	NQ	2017-1471	CASA-17-132321	GELC
R-35b	825.4	02/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.67	—	—	0.11	mg/L	Y	—	NQ	2017-1005	CASA-17-129326	GELC
R-35b	825.4	11/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.9	—	—	0.11	mg/L	Y	—	NQ	2017-432	CASA-17-127292	GELC
R-35b	825.4	08/01/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.23	—	—	0.11	mg/L	Y	—	NQ	2016-1854	CASA-16-124344	GELC
R-35b	825.4	05/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.88	—	—	0.11	mg/L	Y	—	NQ	2016-1135	CASA-16-115490	GELC
R-35b	825.4	02/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.83	—	—	0.11	mg/L	Y	—	NQ	2016-675	CASA-16-110065	GELC
R-35b	825.4	11/06/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.4	—	—	0.2	µg/L	Y	—	NQ	2018-739	CASA-18-148006	GELC
R-35b	825.4	07/26/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.39	—	—	0.2	µg/L	Y	—	NQ	2017-2115	CASA-17-142008	GELC
R-35b	825.4	05/02/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.31	—	—	0.2	µg/L	Y	—	NQ	2017-1471	CASA-17-132321	GELC
R-35b	825.4	02/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.38	—	—	0.3	µg/L	Y	—	NQ	2017-1005	CASA-17-129326	GELC
R-35b	825.4	11/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.34	—	—	0.3	µg/L	Y	—	NQ	2017-432	CASA-17-127292	GELC
R-35b	825.4	08/01/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.3	—	—	0.165	µg/L	Y	—	J	2016-1854	CASA-16-124344	GELC
R-35b	825.4	05/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.32	—	—	0.165	µg/L	Y	—	NQ	2016-1135	CASA-16-115490	GELC
R-35b	825.4	02/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.4	—	—	0.165	µg/L	Y	—	NQ	2016-675	CASA-16-110065	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-35b	825.4	11/06/17	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	4.81	3.18	11.9	—	pCi/L	Y	U	U	2018-739	CASA-18-148008	GELC
R-35b	825.4	11/06/15	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.78	3.12	10.5	—	pCi/L	Y	U	U	2016-287	CASA-16-106242	GELC
R-35b	825.4	11/06/14	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.69	2.62	9.61	—	pCi/L	Y	U	U	2015-251	CASA-15-90251	GELC
R-35b	825.4	11/14/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.49	3.02	10.4	—	pCi/L	Y	U	U	2013-321	CASA-13-24211	GELC
R-35b	825.4	07/13/10	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.49	3.5	12	—	pCi/L	Y	U	U	10-3679	CASA-10-22663	GELC
R-35b	825.4	07/13/10	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.86	3	10	—	pCi/L	Y	U	U	10-3679	CASA-10-22690	GELC
R-35b	825.4	11/06/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	5.5	—	—	0.6	µg/L	Y	—	NQ	2018-739	CASA-18-148006	GELC
R-35b	825.4	07/26/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	4.37	—	—	0.6	µg/L	Y	—	NQ	2017-2115	CASA-17-142008	GELC
R-35b	825.4	05/02/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	5.27	—	—	0.6	µg/L	Y	—	NQ	2017-1471	CASA-17-132321	GELC
R-35b	825.4	02/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	3.03	—	—	0.5	µg/L	Y	—	NQ	2017-1005	CASA-17-129326	GELC
R-35b	825.4	11/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	3.29	—	—	0.5	µg/L	Y	—	NQ	2017-432	CASA-17-127292	GELC
R-35b	825.4	08/01/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.85	—	—	0.5	µg/L	Y	—	NQ	2016-1854	CASA-16-124344	GELC
R-35b	825.4	05/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.88	—	—	0.5	µg/L	Y	—	NQ	2016-1135	CASA-16-115490	GELC
R-35b	825.4	02/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.38	—	—	0.5	µg/L	Y	—	NQ	2016-675	CASA-16-110065	GELC
R-35b	825.4	11/06/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.27	—	—	0.085	mg/L	Y	—	NQ	2018-739	CASA-18-148006	GELC
R-35b	825.4	07/26/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.17	—	—	0.085	mg/L	Y	—	NQ	2017-2115	CASA-17-142008	GELC
R-35b	825.4	05/02/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.11	—	—	0.017	mg/L	Y	—	NQ	2017-1471	CASA-17-132321	GELC
R-35b	825.4	02/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.19	—	—	0.085	mg/L	Y	—	NQ	2017-1005	CASA-17-129326	GELC
R-35b	825.4	11/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.22	—	—	0.017	mg/L	Y	—	NQ	2017-432	CASA-17-127292	GELC
R-35b	825.4	08/01/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.18	—	—	0.085	mg/L	Y	—	NQ	2016-1854	CASA-16-124344	GELC
R-35b	825.4	05/02/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.22	—	—	0.017	mg/L	Y	—	NQ	2016-1135	CASA-16-115490	GELC
R-35b	825.4	02/02/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.05	—	—	0.017	mg/L	Y	—	NQ	2016-675	CASA-16-110065	GELC
R-35b	825.4	11/06/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.533	—	—	0.05	µg/L	Y	—	NQ	2018-739	CASA-18-148006	GELC
R-35b	825.4	07/26/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.579	—	—	0.05	µg/L	Y	—	NQ	2017-2115	CASA-17-142008	GELC
R-35b	825.4	05/02/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.569	—	—	0.05	µg/L	Y	—	NQ	2017-1471	CASA-17-132321	GELC
R-35b	825.4	02/09/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.574	—	—	0.05	µg/L	Y	—	NQ	2017-1005	CASA-17-129326	GELC
R-35b	825.4	11/09/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.597	—	—	0.05	µg/L	Y	—	NQ	2017-432	CASA-17-127292	GELC
R-35b	825.4	08/01/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.566	—	—	0.05	µg/L	Y	—	NQ	2016-1854	CASA-16-124344	GELC
R-35b	825.4	05/02/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.587	—	—	0.05	µg/L	Y	—	NQ	2016-1135	CASA-16-115490	GELC
R-35b	825.4	02/02/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.591	—	—	0.05	µg/L	Y	—	NQ	2016-675	CASA-16-110065	GELC
R-35b	825.4	11/06/17	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00997	0.012	0.049	—	pCi/L	Y	U	U	2018-739	CASA-18-148008	GELC
R-35b	825.4	11/06/15	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0112	0.0103	0.0262	—	pCi/L	Y	U	U	2016-287	CASA-16-106242	GELC
R-35b	825.4	11/06/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00273	0.00611	0.0367	—	pCi/L	Y	U	U	2015-251	CASA-15-90251	GELC
R-35b	825.4	11/14/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00574	0.00574	0.0276	—	pCi/L	Y	U	U	2013-321	CASA-13-24211	GELC
R-35b	825.4	07/13/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0052	0.0037	0.035	—	pCi/L	Y	U	U	10-3679	CASA-10-22663	GELC
R-35b	825.4	07/13/10	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.0033	0.031	—	pCi/L	Y	U	U	10-3679	CASA-10-22690	GELC
R-35b	825.4	11/06/17	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.00814	0.07	—	pCi/L	Y	U	U	2018-739	CASA-18-148008	GELC
R-35b	825.4	11/06/15	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00672	0.00742	0.0503	—	pCi/L	Y	U	U	2016-287	CASA-16-106242	GELC
R-35b	825.4	11/06/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00273	0.0082	0.0541	—	pCi/L	Y	U	U	2015-251	CASA-15-90251	GELC
R-35b	825.4	11/14/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0115	0.00703	0.0458	—	pCi/L	Y	U	U	2013-321	CASA-13-24211	GELC
R-35b	825.4	07/13/10	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00469	0.0047	0.032	—	pCi/L	Y	U	U	10-3679	CASA-10-22690	GELC
R-35b	825.4	07/13/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.0026	0.035	—	pCi/L	Y	U	U	10-3679	CASA-10-22663	GELC
R-35b	825.4	11/06/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.11	—	—	0.05	mg/L	Y	—	NQ	2018-739	CASA-18-148006	GELC
R-35b	825.4	07/26/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.88	—	—	0.05	mg/L	Y	—	NQ	2017-2115	CASA-17-142008	GELC
R-35b	825.4	05/02/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.95	—	—	0.05	mg/L	Y	—	NQ	2017-1471	CASA-17-132321	GELC
R-35b	825.4	02/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.82	—	—	0.05	mg/L	Y	—	NQ	2017-1005	CASA-17-129326	GELC
R-35b	825.4	11/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.03	—	—	0.05	mg/L	Y	—	NQ	2017-432	CASA-17-127292	GELC
R-35b	825.4	08/01/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.98	—	—	0.05	mg/L	Y	—	NQ	2016-1854	CASA-16-124344	GELC
R-35b	825.4	05/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.01	—	—	0.05	mg/L	Y	—	NQ	2016-1135	CASA-16-115490	GELC
R-35b	825.4	02/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.91	—	—	0.05	mg/L	Y	—	NQ	2016-675	CASA-16-110065	GELC
R-35b	825.4	11/06/17	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	28.9	22.5	91.7	—	pCi/L	Y	U	U	2018-739	CASA-18-148008	GELC
R-35b	825.4	11/06/15	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	0.41	18.8	75	—	pCi/L	Y	U	U	2016-287	CASA-16-106242	GELC
R-35b	825.4	11/06/14	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	32.7	17.1	51	—	pCi/L	Y	U	U	2015-251	CASA-15-90251	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-35b	825.4	11/14/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-23.1	17.2	65.3	—	pCi/L	Y	U	U	2013-321	CASA-13-24211	GELC
R-35b	825.4	07/13/10	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-11.2	19	64	—	pCi/L	Y	U	U	10-3679	CASA-10-22663	GELC
R-35b	825.4	07/13/10	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	8.02	20	72	—	pCi/L	Y	U	U	10-3679	CASA-10-22690	GELC
R-35b	825.4	11/06/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	72.6	—	—	0.053	mg/L	Y	—	NQ	2018-739	CASA-18-148006	GELC
R-35b	825.4	07/26/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	72.1	—	—	0.053	mg/L	Y	—	NQ	2017-2115	CASA-17-142008	GELC
R-35b	825.4	05/02/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	74	—	—	0.053	mg/L	Y	—	NQ	2017-1471	CASA-17-132321	GELC
R-35b	825.4	02/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	74	—	—	0.053	mg/L	Y	—	NQ	2017-1005	CASA-17-129326	GELC
R-35b	825.4	11/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.4	—	—	0.053	mg/L	Y	—	NQ	2017-432	CASA-17-127292	GELC
R-35b	825.4	08/01/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.6	—	—	0.053	mg/L	Y	—	NQ	2016-1854	CASA-16-124344	GELC
R-35b	825.4	05/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	76.2	—	—	0.053	mg/L	Y	—	NQ	2016-1135	CASA-16-115490	GELC
R-35b	825.4	02/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	76.3	—	—	0.053	mg/L	Y	—	NQ	2016-675	CASA-16-110065	GELC
R-35b	825.4	11/06/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.1	—	—	0.1	mg/L	Y	—	NQ	2018-739	CASA-18-148006	GELC
R-35b	825.4	07/26/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.4	—	—	0.1	mg/L	Y	—	NQ	2017-2115	CASA-17-142008	GELC
R-35b	825.4	05/02/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11	—	—	0.1	mg/L	Y	—	NQ	2017-1471	CASA-17-132321	GELC
R-35b	825.4	02/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.5	—	—	0.1	mg/L	Y	E	NQ	2017-1005	CASA-17-129326	GELC
R-35b	825.4	11/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.8	—	—	0.1	mg/L	Y	—	NQ	2017-432	CASA-17-127292	GELC
R-35b	825.4	08/01/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11	—	—	0.1	mg/L	Y	—	NQ	2016-1854	CASA-16-124344	GELC
R-35b	825.4	05/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.9	—	—	0.1	mg/L	Y	—	NQ	2016-1135	CASA-16-115490	GELC
R-35b	825.4	02/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.4	—	—	0.1	mg/L	Y	—	NQ	2016-675	CASA-16-110065	GELC
R-35b	825.4	11/06/17	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.0698	1.73	6.87	—	pCi/L	Y	U	U	2018-739	CASA-18-148008	GELC
R-35b	825.4	11/06/15	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.85	1.45	4.99	—	pCi/L	Y	U	U	2016-287	CASA-16-106242	GELC
R-35b	825.4	11/06/14	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.15	1.31	5.24	—	pCi/L	Y	U	U	2015-251	CASA-15-90251	GELC
R-35b	825.4	11/14/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.177	1.73	6.46	—	pCi/L	Y	U	U	2013-321	CASA-13-24211	GELC
R-35b	825.4	07/13/10	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	1.25	1.3	4.7	—	pCi/L	Y	U	U	10-3679	CASA-10-22690	GELC
R-35b	825.4	07/13/10	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	2.17	1.8	6.6	—	pCi/L	Y	U	U	10-3679	CASA-10-22663	GELC
R-35b	825.4	11/06/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	201	—	—	1	µS/cm	Y	—	NQ	2018-739	CASA-18-148006	GELC
R-35b	825.4	07/26/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	170	—	—	1	µS/cm	Y	—	NQ	2017-2115	CASA-17-142008	GELC
R-35b	825.4	05/02/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	197	—	—	1	µS/cm	Y	—	NQ	2017-1471	CASA-17-132321	GELC
R-35b	825.4	02/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	166	—	—	1	µS/cm	Y	—	NQ	2017-1005	CASA-17-129326	GELC
R-35b	825.4	11/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	171	—	—	1	µS/cm	Y	—	NQ	2017-432	CASA-17-127292	GELC
R-35b	825.4	08/01/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	160	—	—	3.63	µS/cm	Y	—	NQ	2016-1854	CASA-16-124344	GELC
R-35b	825.4	05/02/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	173	—	—	3.63	µS/cm	Y	—	NQ	2016-1135	CASA-16-115490	GELC
R-35b	825.4	02/02/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	187	—	—	1	µS/cm	Y	—	NQ	2016-675	CASA-16-110065	GELC
R-35b	825.4	11/06/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	63	—	—	1	µg/L	Y	—	NQ	2018-739	CASA-18-148006	GELC
R-35b	825.4	07/26/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	66.1	—	—	1	µg/L	Y	—	NQ	2017-2115	CASA-17-142008	GELC
R-35b	825.4	05/02/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	66.9	—	—	1	µg/L	Y	—	NQ	2017-1471	CASA-17-132321	GELC
R-35b	825.4	02/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	59.9	—	—	1	µg/L	Y	—	NQ	2017-1005	CASA-17-129326	GELC
R-35b	825.4	11/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	61.8	—	—	1	µg/L	Y	—	NQ	2017-432	CASA-17-127292	GELC
R-35b	825.4	08/01/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	69.7	—	—	1	µg/L	Y	E	NQ	2016-1854	CASA-16-124344	GELC
R-35b	825.4	05/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	71.8	—	—	1	µg/L	Y	—	NQ	2016-1135	CASA-16-115490	GELC
R-35b	825.4	02/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	58.8	—	—	1	µg/L	Y	—	NQ	2016-675	CASA-16-110065	GELC
R-35b	825.4	11/06/17	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.117	0.114	0.478	—	pCi/L	Y	U	U	2018-739	CASA-18-148008	GELC
R-35b	825.4	11/06/15	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0107	0.117	0.458	—	pCi/L	Y	U	U	2016-287	CASA-16-106242	GELC
R-35b	825.4	11/06/14	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0734	0.133	0.474	—	pCi/L	Y	U	U	2015-251	CASA-15-90251	GELC
R-35b	825.4	11/14/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.174	0.113	0.497	—	pCi/L	Y	U	U	2013-321	CASA-13-24211	GELC
R-35b	825.4	07/13/10	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.186	0.13	0.45	—	pCi/L	Y	U	U	10-3679	CASA-10-22663	GELC
R-35b	825.4	07/13/10	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.00708	0.13	0.52	—	pCi/L	Y	U	U	10-3679	CASA-10-22690	GELC
R-35b	825.4	11/06/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.55	—	—	0.133	mg/L	Y	—	NQ	2018-739	CASA-18-148006	GELC
R-35b	825.4	07/26/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.7	—	—	0.133	mg/L	Y	—	NQ	2017-2115	CASA-17-142008	GELC
R-35b	825.4	05/02/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.79	—	—	0.133	mg/L	Y	—	NQ	2017-1471	CASA-17-132321	GELC
R-35b	825.4	02/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.46	—	—	0.133	mg/L	Y	—	NQ	2017-1005	CASA-17-129326	GELC
R-35b	825.4	11/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.64	—	—	0.133	mg/L	Y	—	NQ	2017-432	CASA-17-127292	GELC
R-35b	825.4	08/01/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.59	—	—	0.133	mg/L	Y	—	NQ	2016-1854	CASA-16-124344	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-35b	825.4	05/02/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.63	—	—	0.133	mg/L	Y	—	NQ	2016-1135	CASA-16-115490	GELC
R-35b	825.4	02/02/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.51	—	—	0.133	mg/L	Y	—	NQ	2016-675	CASA-16-110065	GELC
R-35b	825.4	11/06/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	2018-739	CASA-18-148006	GELC
R-35b	825.4	11/06/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	2018-739	CASA-18-148008	GELC
R-35b	825.4	07/26/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2017-2115	CASA-17-142016	GELC
R-35b	825.4	07/26/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2017-2115	CASA-17-142008	GELC
R-35b	825.4	05/02/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	2017-1471	CASA-17-132321	GELC
R-35b	825.4	05/02/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	2017-1471	CASA-17-132330	GELC
R-35b	825.4	05/02/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	3.87	—	—	2.5	µg/L	Y	J	J	2017-1471	CASA-17-132321	GELC
R-35b	825.4	02/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	2017-1005	CASA-17-129326	GELC
R-35b	825.4	11/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	2017-432	CASA-17-127292	GELC
R-35b	825.4	08/01/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	2016-1854	CASA-16-124344	GELC
R-35b	825.4	05/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	2016-1135	CASA-16-115490	GELC
R-35b	825.4	11/06/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	161	—	—	3.4	mg/L	Y	—	NQ	2018-739	CASA-18-148006	GELC
R-35b	825.4	07/26/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	164	—	—	3.4	mg/L	Y	—	NQ	2017-2115	CASA-17-142008	GELC
R-35b	825.4	05/02/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	164	—	—	3.4	mg/L	Y	—	NQ	2017-1471	CASA-17-132321	GELC
R-35b	825.4	02/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	126	—	—	3.4	mg/L	Y	—	NQ	2017-1005	CASA-17-129326	GELC
R-35b	825.4	11/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	170	—	—	3.4	mg/L	Y	—	NQ	2017-432	CASA-17-127292	GELC
R-35b	825.4	08/01/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	186	—	—	3.4	mg/L	Y	—	NQ	2016-1854	CASA-16-124344	GELC
R-35b	825.4	05/02/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	200	—	—	3.4	mg/L	Y	—	NQ	2016-1135	CASA-16-115490	GELC
R-35b	825.4	02/02/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	167	—	—	3.4	mg/L	Y	—	NQ	2016-675	CASA-16-110065	GELC
R-35b	825.4	07/26/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.105	—	—	0.033	mg/L	Y	—	NQ	2017-2115	CASA-17-142016	GELC
R-35b	825.4	05/02/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2017-1471	CASA-17-132330	GELC
R-35b	825.4	02/09/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2017-1005	CASA-17-129332	GELC
R-35b	825.4	11/09/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2017-432	CASA-17-127273	GELC
R-35b	825.4	08/01/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0741	—	—	0.033	mg/L	Y	J	J	2016-1854	CASA-16-124328	GELC
R-35b	825.4	02/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0597	—	—	0.02	mg/L	Y	—	NQ	2017-1005	CASA-17-129326	GELC
R-35b	825.4	11/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0319	—	—	0.02	mg/L	Y	J	J	2017-432	CASA-17-127292	GELC
R-35b	825.4	08/01/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.05	—	—	0.02	mg/L	Y	U	U	2016-1854	CASA-16-124344	GELC
R-35b	825.4	05/02/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0247	—	—	0.017	mg/L	Y	J	J	2016-1135	CASA-16-115490	GELC
R-35b	825.4	02/02/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0203	—	—	0.017	mg/L	Y	J	U	2016-675	CASA-16-110065	GELC
R-35b	825.4	11/06/17	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-1.574	0.792	2.671	—	pCi/L	Y	U	U	2018-835	CASA-18-148008	ARSL
R-35b	825.4	11/09/16	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.167	0.608	1.9	—	pCi/L	Y	U	U	2017-494	CASA-17-127273	ARSL
R-35b	825.4	11/06/15	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.894	0.641	2.072	—	pCi/L	Y	U	U	2016-322	CASA-16-106242	ARSL
R-35b	825.4	11/06/14	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.31	0.754	2.385	—	pCi/L	Y	U	U	2015-311	CASA-15-90251	ARSL
R-35b	825.4	11/13/13	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.21	0.632	2.134	—	pCi/L	Y	U	U	2014-2522	CASA-14-45706	ARSL
R-35b	825.4	11/06/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.279	—	—	0.067	µg/L	Y	—	NQ	2018-739	CASA-18-148006	GELC
R-35b	825.4	07/26/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.302	—	—	0.067	µg/L	Y	—	NQ	2017-2115	CASA-17-142008	GELC
R-35b	825.4	05/02/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.296	—	—	0.067	µg/L	Y	—	NQ	2017-1471	CASA-17-132321	GELC
R-35b	825.4	02/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.291	—	—	0.067	µg/L	Y	—	NQ	2017-1005	CASA-17-129326	GELC
R-35b	825.4	11/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.295	—	—	0.067	µg/L	Y	—	NQ	2017-432	CASA-17-127292	GELC
R-35b	825.4	08/01/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.308	—	—	0.067	µg/L	Y	—	NQ	2016-1854	CASA-16-124344	GELC
R-35b	825.4	05/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.297	—	—	0.067	µg/L	Y	—	NQ	2016-1135	CASA-16-115490	GELC
R-35b	825.4	02/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.267	—	—	0.067	µg/L	Y	—	NQ	2016-675	CASA-16-110065	GELC
R-35b	825.4	11/06/17	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.291	0.0307	0.142	—	pCi/L	Y	—	NQ	2018-739	CASA-18-148008	GELC
R-35b	825.4	11/06/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.229	0.022	0.0644	—	pCi/L	Y	—	NQ	2016-287	CASA-16-106242	GELC
R-35b	825.4	11/06/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.244	0.0368	0.0818	—	pCi/L	Y	—	NQ	2015-251	CASA-15-90251	GELC
R-35b	825.4	11/14/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.186	0.0279	0.0693	—	pCi/L	Y	—	NQ	2013-321	CASA-13-24211	GELC
R-35b	825.4	07/13/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.21	0.028	0.066	—	pCi/L	Y	—	NQ	10-3679	CASA-10-22663	GELC
R-35b	825.4	07/13/10	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.236	0.03	0.066	—	pCi/L	Y	—	NQ	10-3679	CASA-10-22690	GELC
R-35b	825.4	11/06/17	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0353	0.0141	0.0614	—	pCi/L	Y	U	U	2018-739	CASA-18-148008	GELC
R-35b	825.4	11/06/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0195	0.00845	0.0562	—	pCi/L	Y	U	U	2016-287	CASA-16-106242	GELC
R-35b	825.4	11/06/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.0247	0.0148	0.0712	—	pCi/L	Y	U	U	2015-251	CASA-15-90251	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-35b	825.4	11/14/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0148	0.0104	0.0433	—	pCi/L	Y	U	U	2013-321	CASA-13-24211	GELC
R-35b	825.4	07/13/10	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0	0.0045	0.04	—	pCi/L	Y	U	U	10-3679	CASA-10-22690	GELC
R-35b	825.4	07/13/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00955	0.0072	0.04	—	pCi/L	Y	U	U	10-3679	CASA-10-22663	GELC
R-35b	825.4	11/06/17	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.157	0.0223	0.0831	—	pCi/L	Y	—	NQ	2018-739	CASA-18-148008	GELC
R-35b	825.4	11/06/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.13	0.017	0.0636	—	pCi/L	Y	—	NQ	2016-287	CASA-16-106242	GELC
R-35b	825.4	11/06/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.116	0.0256	0.0783	—	pCi/L	Y	—	NQ	2015-251	CASA-15-90251	GELC
R-35b	825.4	11/14/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.128	0.0205	0.0471	—	pCi/L	Y	—	NQ	2013-321	CASA-13-24211	GELC
R-35b	825.4	07/13/10	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.121	0.02	0.046	—	pCi/L	Y	—	NQ	10-3679	CASA-10-22690	GELC
R-35b	825.4	07/13/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0824	0.017	0.046	—	pCi/L	Y	—	NQ	10-3679	CASA-10-22663	GELC
R-35b	825.4	11/06/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	12.8	—	—	1	µg/L	Y	—	NQ	2018-739	CASA-18-148006	GELC
R-35b	825.4	07/26/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	12.9	—	—	1	µg/L	Y	—	NQ	2017-2115	CASA-17-142008	GELC
R-35b	825.4	05/02/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	13	—	—	1	µg/L	Y	—	NQ	2017-1471	CASA-17-132321	GELC
R-35b	825.4	02/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	12.4	—	—	1	µg/L	Y	—	NQ	2017-1005	CASA-17-129326	GELC
R-35b	825.4	11/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	13.6	—	—	1	µg/L	Y	—	NQ	2017-432	CASA-17-127292	GELC
R-35b	825.4	08/01/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	13.6	—	—	1	µg/L	Y	—	NQ	2016-1854	CASA-16-124344	GELC
R-35b	825.4	05/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	14	—	—	1	µg/L	Y	—	NQ	2016-1135	CASA-16-115490	GELC
R-35b	825.4	02/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	13.5	—	—	1	µg/L	Y	—	NQ	2016-675	CASA-16-110065	GELC
R-35b	825.4	11/06/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	14.5	—	—	3.3	µg/L	Y	—	NQ	2018-739	CASA-18-148006	GELC
R-35b	825.4	07/26/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	14.7	—	—	3.3	µg/L	Y	—	NQ	2017-2115	CASA-17-142008	GELC
R-35b	825.4	05/02/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	12.8	—	—	3.3	µg/L	Y	—	NQ	2017-1471	CASA-17-132321	GELC
R-35b	825.4	02/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	8.4	—	—	3.3	µg/L	Y	J	J	2017-1005	CASA-17-129326	GELC
R-35b	825.4	11/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	10.9	—	—	3.3	µg/L	Y	—	NQ	2017-432	CASA-17-127292	GELC
R-35b	825.4	08/01/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	10.8	—	—	3.3	µg/L	Y	—	NQ	2016-1854	CASA-16-124344	GELC
R-35b	825.4	05/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	11.7	—	—	3.3	µg/L	Y	—	NQ	2016-1135	CASA-16-115490	GELC
R-35b	825.4	02/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	14.5	—	—	3.3	µg/L	Y	—	NQ	2016-675	CASA-16-110065	GELC
R-36	766.9	11/06/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.62	—	—	0.01	SU	Y	H	NQ	2018-739	CASA-18-147992	GELC
R-36	766.9	07/26/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.67	—	—	0.01	SU	Y	H	NQ	2017-2115	CASA-17-142009	GELC
R-36	766.9	07/26/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.89	—	—	0.01	SU	Y	H	NQ	2017-2115	CASA-17-142022	GELC
R-36	766.9	05/05/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.66	—	—	0.01	SU	Y	H	NQ	2017-1489	CASA-17-132322	GELC
R-36	766.9	02/14/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.64	—	—	0.01	SU	Y	H	NQ	2017-1017	CASA-17-129327	GELC
R-36	766.9	11/10/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.63	—	—	0.01	SU	Y	H	NQ	2017-443	CASA-17-127268	GELC
R-36	766.9	11/10/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.69	—	—	0.01	SU	Y	H	NQ	2017-443	CASA-17-127293	GELC
R-36	766.9	08/01/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.61	—	—	0.01	SU	Y	H	NQ	2016-1854	CASA-16-124345	GELC
R-36	766.9	05/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.79	—	—	0.01	SU	Y	H	NQ	2016-1222	CASA-16-115491	GELC
R-36	766.9	02/08/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.72	—	—	0.01	SU	Y	H	NQ	2016-704	CASA-16-110066	GELC
R-36	766.9	11/06/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	70.8	—	—	1.45	mg/L	Y	—	NQ	2018-739	CASA-18-147992	GELC
R-36	766.9	07/26/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	70.4	—	—	1.45	mg/L	Y	—	NQ	2017-2115	CASA-17-142009	GELC
R-36	766.9	07/26/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	69.6	—	—	1.45	mg/L	Y	—	NQ	2017-2115	CASA-17-142022	GELC
R-36	766.9	05/05/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	68.4	—	—	1.45	mg/L	Y	—	NQ	2017-1489	CASA-17-132322	GELC
R-36	766.9	02/14/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	70	—	—	1.45	mg/L	Y	—	NQ	2017-1017	CASA-17-129327	GELC
R-36	766.9	11/10/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	70.8	—	—	1.45	mg/L	Y	—	NQ	2017-443	CASA-17-127268	GELC
R-36	766.9	11/10/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	71.7	—	—	1.45	mg/L	Y	—	NQ	2017-443	CASA-17-127293	GELC
R-36	766.9	08/01/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	69.3	—	—	1.45	mg/L	Y	—	NQ	2016-1854	CASA-16-124345	GELC
R-36	766.9	05/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	67.1	—	—	0.725	mg/L	Y	—	NQ	2016-1222	CASA-16-115491	GELC
R-36	766.9	02/08/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	69.9	—	—	0.725	mg/L	Y	—	NQ	2016-704	CASA-16-110066	GELC
R-36	766.9	11/06/17	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0035	0.00743	0.0311	—	pCi/L	Y	U	U	2018-739	CASA-18-147999	GELC
R-36	766.9	11/17/15	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00373	0.00645	0.0252	—	pCi/L	Y	U	U	2016-364	CASA-16-106243	GELC
R-36	766.9	11/06/14	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.0061	0.0451	—	pCi/L	Y	U	U	2015-251	CASA-15-90252	GELC
R-36	766.9	11/14/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00241	0.0054	0.0275	—	pCi/L	Y	U	U	2013-322	CASA-13-24212	GELC
R-36	766.9	11/14/12	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.009	0.00712	0.0256	—	pCi/L	Y	U	U	2013-322	CASA-13-24206	GELC
R-36	766.9	07/12/10	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0233	0.007	0.039	—	pCi/L	Y	U	U	10-3651	CASA-10-22702	GELC
R-36	766.9	11/06/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0793	—	—	0.017	mg/L	Y	—	NQ	2018-739	CASA-18-147992	GELC
R-36	766.9	07/26/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0421	—	—	0.017	mg/L	Y	J	J	2017-2115	CASA-17-142009	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-36	766.9	07/26/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0483	—	—	0.017	mg/L	Y	J	J	2017-2115	CASA-17-142022	GELC
R-36	766.9	05/05/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0392	—	—	0.017	mg/L	Y	J	J-	2017-1489	CASA-17-132322	GELC
R-36	766.9	02/14/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0578	—	—	0.017	mg/L	Y	—	NQ	2017-1017	CASA-17-129327	GELC
R-36	766.9	11/10/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0664	—	—	0.017	mg/L	Y	—	U	2017-443	CASA-17-127268	GELC
R-36	766.9	11/10/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.017	mg/L	Y	U	U	2017-443	CASA-17-127293	GELC
R-36	766.9	08/01/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.084	—	—	0.017	mg/L	Y	—	U	2016-1854	CASA-16-124345	GELC
R-36	766.9	05/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0864	—	—	0.017	mg/L	Y	—	U	2016-1222	CASA-16-115491	GELC
R-36	766.9	02/08/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.017	mg/L	Y	U	U	2016-704	CASA-16-110066	GELC
R-36	766.9	11/06/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.08	—	—	2	µg/L	Y	J	J	2018-739	CASA-18-147992	GELC
R-36	766.9	07/26/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.93	—	—	2	µg/L	Y	J	J	2017-2115	CASA-17-142009	GELC
R-36	766.9	07/26/17	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	Y	3.13	—	—	2	µg/L	Y	J	J	2017-2115	CASA-17-142022	GELC
R-36	766.9	05/05/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.04	—	—	2	µg/L	Y	J	J	2017-1489	CASA-17-132322	GELC
R-36	766.9	02/14/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.54	—	—	1.7	µg/L	Y	J	J	2017-1017	CASA-17-129327	GELC
R-36	766.9	11/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.68	—	—	1.7	µg/L	Y	J	J	2017-443	CASA-17-127293	GELC
R-36	766.9	11/10/16	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	Y	2.94	—	—	1.7	µg/L	Y	J	J	2017-443	CASA-17-127268	GELC
R-36	766.9	08/01/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.46	—	—	1.7	µg/L	Y	J	J	2016-1854	CASA-16-124345	GELC
R-36	766.9	05/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.51	—	—	1.7	µg/L	Y	J	J	2016-1222	CASA-16-115491	GELC
R-36	766.9	02/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.26	—	—	1.7	µg/L	Y	J	J	2016-704	CASA-16-110066	GELC
R-36	766.9	11/06/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	33.8	—	—	1	µg/L	Y	—	NQ	2018-739	CASA-18-147992	GELC
R-36	766.9	07/26/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	32.6	—	—	1	µg/L	Y	—	NQ	2017-2115	CASA-17-142009	GELC
R-36	766.9	07/26/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	33.4	—	—	1	µg/L	Y	—	NQ	2017-2115	CASA-17-142022	GELC
R-36	766.9	05/05/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	34.5	—	—	1	µg/L	Y	—	NQ	2017-1489	CASA-17-132322	GELC
R-36	766.9	02/14/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	33.8	—	—	1	µg/L	Y	—	NQ	2017-1017	CASA-17-129327	GELC
R-36	766.9	11/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	31.7	—	—	1	µg/L	Y	—	NQ	2017-443	CASA-17-127293	GELC
R-36	766.9	11/10/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	32.4	—	—	1	µg/L	Y	—	NQ	2017-443	CASA-17-127268	GELC
R-36	766.9	08/01/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	33.6	—	—	1	µg/L	Y	—	NQ	2016-1854	CASA-16-124345	GELC
R-36	766.9	05/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	33.3	—	—	1	µg/L	Y	—	NQ	2016-1222	CASA-16-115491	GELC
R-36	766.9	02/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	33.9	—	—	1	µg/L	Y	—	NQ	2016-704	CASA-16-110066	GELC
R-36	766.9	11/06/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	25	—	—	15	µg/L	Y	J	J	2018-739	CASA-18-147992	GELC
R-36	766.9	07/26/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	23.8	—	—	15	µg/L	Y	J	J	2017-2115	CASA-17-142009	GELC
R-36	766.9	07/26/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	Y	24	—	—	15	µg/L	Y	J	J	2017-2115	CASA-17-142022	GELC
R-36	766.9	05/05/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	24.1	—	—	15	µg/L	Y	J	J	2017-1489	CASA-17-132322	GELC
R-36	766.9	02/14/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	25.8	—	—	15	µg/L	Y	J	J	2017-1017	CASA-17-129327	GELC
R-36	766.9	11/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	22.7	—	—	15	µg/L	Y	J	J	2017-443	CASA-17-127293	GELC
R-36	766.9	11/10/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	Y	22.9	—	—	15	µg/L	Y	J	J	2017-443	CASA-17-127268	GELC
R-36	766.9	08/01/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	23	—	—	15	µg/L	Y	J	J	2016-1854	CASA-16-124345	GELC
R-36	766.9	05/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	19.7	—	—	15	µg/L	Y	J	J	2016-1222	CASA-16-115491	GELC
R-36	766.9	02/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	26.7	—	—	15	µg/L	Y	J	J	2016-704	CASA-16-110066	GELC
R-36	766.9	11/06/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.103	—	—	0.067	mg/L	Y	J	J	2018-739	CASA-18-147992	GELC
R-36	766.9	07/26/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0931	—	—	0.067	mg/L	Y	J	J	2017-2115	CASA-17-142009	GELC
R-36	766.9	07/26/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.105	—	—	0.067	mg/L	Y	J	J	2017-2115	CASA-17-142022	GELC
R-36	766.9	05/05/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.107	—	—	0.067	mg/L	Y	J	J	2017-1489	CASA-17-132322	GELC
R-36	766.9	02/14/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0943	—	—	0.067	mg/L	Y	J	J	2017-1017	CASA-17-129327	GELC
R-36	766.9	11/10/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.104	—	—	0.067	mg/L	Y	J	J	2017-443	CASA-17-127268	GELC
R-36	766.9	11/10/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0915	—	—	0.067	mg/L	Y	J	J	2017-443	CASA-17-127293	GELC
R-36	766.9	08/01/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0899	—	—	0.067	mg/L	Y	J	J	2016-1854	CASA-16-124345	GELC
R-36	766.9	05/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0934	—	—	0.067	mg/L	Y	J	J	2016-1222	CASA-16-115491	GELC
R-36	766.9	02/08/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0928	—	—	0.067	mg/L	Y	J	J	2016-704	CASA-16-110066	GELC
R-36	766.9	11/06/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.9	—	—	0.05	mg/L	Y	—	NQ	2018-739	CASA-18-147992	GELC
R-36	766.9	07/26/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.1	—	—	0.05	mg/L	Y	E	NQ	2017-2115	CASA-17-142009	GELC
R-36	766.9	07/26/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.7	—	—	0.05	mg/L	Y	E	NQ	2017-2115	CASA-17-142022	GELC
R-36	766.9	05/05/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.3	—	—	0.05	mg/L	Y	—	NQ	2017-1489	CASA-17-132322	GELC
R-36	766.9	02/14/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.7	—	—	0.05	mg/L	Y	—	NQ	2017-1017	CASA-17-129327	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-36	766.9	11/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17	—	—	0.05	mg/L	Y	—	NQ	2017-443	CASA-17-127293	GELC
R-36	766.9	11/10/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.3	—	—	0.05	mg/L	Y	—	NQ	2017-443	CASA-17-127268	GELC
R-36	766.9	08/01/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.5	—	—	0.05	mg/L	Y	—	NQ	2016-1854	CASA-16-124345	GELC
R-36	766.9	05/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.9	—	—	0.05	mg/L	Y	—	NQ	2016-1222	CASA-16-115491	GELC
R-36	766.9	02/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.4	—	—	0.05	mg/L	Y	—	NQ	2016-704	CASA-16-110066	GELC
R-36	766.9	11/06/17	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.437	1.06	3.73	—	pCi/L	Y	U	U	2018-739	CASA-18-147999	GELC
R-36	766.9	11/17/15	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.04	1.33	4.79	—	pCi/L	Y	U	U	2016-364	CASA-16-106243	GELC
R-36	766.9	11/06/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.26	1.51	4.6	—	pCi/L	Y	U	U	2015-251	CASA-15-90252	GELC
R-36	766.9	11/14/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.667	1.26	5.07	—	pCi/L	Y	U	U	2013-322	CASA-13-24212	GELC
R-36	766.9	11/14/12	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.04	1.42	5.54	—	pCi/L	Y	U	U	2013-322	CASA-13-24206	GELC
R-36	766.9	07/12/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	4.48	2.5	4.1	—	pCi/L	Y	UI	R	10-3651	CASA-10-22702	GELC
R-36	766.9	11/06/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.97	—	—	0.067	mg/L	Y	—	NQ	2018-739	CASA-18-147992	GELC
R-36	766.9	07/26/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.12	—	—	0.067	mg/L	Y	—	NQ	2017-2115	CASA-17-142009	GELC
R-36	766.9	07/26/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.12	—	—	0.067	mg/L	Y	—	NQ	2017-2115	CASA-17-142022	GELC
R-36	766.9	05/05/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.63	—	—	0.067	mg/L	Y	—	NQ	2017-1489	CASA-17-132322	GELC
R-36	766.9	02/14/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.05	—	—	0.067	mg/L	Y	—	NQ	2017-1017	CASA-17-129327	GELC
R-36	766.9	11/10/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.18	—	—	0.067	mg/L	Y	—	NQ	2017-443	CASA-17-127268	GELC
R-36	766.9	11/10/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.18	—	—	0.067	mg/L	Y	—	NQ	2017-443	CASA-17-127293	GELC
R-36	766.9	08/01/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.15	—	—	0.067	mg/L	Y	—	J	2016-1854	CASA-16-124345	GELC
R-36	766.9	05/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6	—	—	0.067	mg/L	Y	—	NQ	2016-1222	CASA-16-115491	GELC
R-36	766.9	02/08/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.09	—	—	0.067	mg/L	Y	—	NQ	2016-704	CASA-16-110066	GELC
R-36	766.9	11/06/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.74	—	—	3	µg/L	Y	J	J	2018-739	CASA-18-147992	GELC
R-36	766.9	07/26/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.93	—	—	3	µg/L	Y	J	J	2017-2115	CASA-17-142009	GELC
R-36	766.9	07/26/17	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.87	—	—	3	µg/L	Y	J	J	2017-2115	CASA-17-142022	GELC
R-36	766.9	05/05/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.61	—	—	3	µg/L	Y	J	J	2017-1489	CASA-17-132322	GELC
R-36	766.9	02/14/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.5	—	—	3	µg/L	Y	J	J	2017-1017	CASA-17-129327	GELC
R-36	766.9	11/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.56	—	—	3	µg/L	Y	J	J	2017-443	CASA-17-127293	GELC
R-36	766.9	11/10/16	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	6.21	—	—	3	µg/L	Y	J	J	2017-443	CASA-17-127268	GELC
R-36	766.9	08/01/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.78	—	—	2	µg/L	Y	J	J	2016-1854	CASA-16-124345	GELC
R-36	766.9	05/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	6.19	—	—	2	µg/L	Y	J	J	2016-1222	CASA-16-115491	GELC
R-36	766.9	02/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	7.19	—	—	2	µg/L	Y	J	U	2016-704	CASA-16-110066	GELC
R-36	766.9	11/06/17	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.42	0.997	4.57	—	pCi/L	Y	U	U	2018-739	CASA-18-147999	GELC
R-36	766.9	11/17/15	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.33	0.98	4.69	—	pCi/L	Y	U	U	2016-364	CASA-16-106243	GELC
R-36	766.9	11/06/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.78	1.3	4.56	—	pCi/L	Y	U	U	2015-251	CASA-15-90252	GELC
R-36	766.9	11/14/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.571	1.09	4.32	—	pCi/L	Y	U	U	2013-322	CASA-13-24212	GELC
R-36	766.9	11/14/12	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-3.89	1.59	4.74	—	pCi/L	Y	U	U	2013-322	CASA-13-24206	GELC
R-36	766.9	07/12/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.706	1.7	5.7	—	pCi/L	Y	U	U	10-3651	CASA-10-22702	GELC
R-36	766.9	11/06/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.469	—	—	0.033	mg/L	Y	—	NQ	2018-739	CASA-18-147992	GELC
R-36	766.9	07/26/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.46	—	—	0.033	mg/L	Y	—	NQ	2017-2115	CASA-17-142009	GELC
R-36	766.9	07/26/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.439	—	—	0.033	mg/L	Y	—	NQ	2017-2115	CASA-17-142022	GELC
R-36	766.9	05/05/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.53	—	—	0.033	mg/L	Y	—	NQ	2017-1489	CASA-17-132322	GELC
R-36	766.9	02/14/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.406	—	—	0.033	mg/L	Y	—	NQ	2017-1017	CASA-17-129327	GELC
R-36	766.9	11/10/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.464	—	—	0.033	mg/L	Y	—	NQ	2017-443	CASA-17-127268	GELC
R-36	766.9	11/10/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.48	—	—	0.033	mg/L	Y	—	NQ	2017-443	CASA-17-127293	GELC
R-36	766.9	08/01/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.497	—	—	0.033	mg/L	Y	—	J	2016-1854	CASA-16-124345	GELC
R-36	766.9	05/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.442	—	—	0.033	mg/L	Y	—	NQ	2016-1222	CASA-16-115491	GELC
R-36	766.9	02/08/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.483	—	—	0.033	mg/L	Y	—	NQ	2016-704	CASA-16-110066	GELC
R-36	766.9	11/06/17	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.672	0.647	2.34	—	pCi/L	Y	U	U	2018-739	CASA-18-147999	GELC
R-36	766.9	11/17/15	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.76	0.898	2.82	—	pCi/L	Y	U	U	2016-364	CASA-16-106243	GELC
R-36	766.9	11/06/14	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.107	0.683	2.81	—	pCi/L	Y	U	U	2015-251	CASA-15-90252	GELC
R-36	766.9	11/14/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.123	0.474	2.22	—	pCi/L	Y	U	U	2013-322	CASA-13-24212	GELC
R-36	766.9	11/14/12	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	0.302	0.484	2.09	—	pCi/L	Y	U	U	2013-322	CASA-13-24206	GELC
R-36	766.9	07/12/10	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.264	0.5	2.7	—	pCi/L	Y	U	U	10-3651	CASA-10-22702	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-36	766.9	11/06/17	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.19	0.574	1.82	—	pCi/L	Y	U	U	2018-739	CASA-18-147999	GELC
R-36	766.9	11/17/15	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.75	1.05	2.87	—	pCi/L	Y	—	NQ	2016-364	CASA-16-106243	GELC
R-36	766.9	11/06/14	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.07	0.624	1.97	—	pCi/L	Y	U	U	2015-251	CASA-15-90252	GELC
R-36	766.9	11/14/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.13	0.772	2.59	—	pCi/L	Y	U	U	2013-322	CASA-13-24212	GELC
R-36	766.9	11/14/12	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	1.97	0.767	2.32	—	pCi/L	Y	U	U	2013-322	CASA-13-24206	GELC
R-36	766.9	07/12/10	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	8.59	1.4	3	—	pCi/L	Y	—	NQ	10-3651	CASA-10-22702	GELC
R-36	766.9	11/06/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	62.4	—	—	0.453	mg/L	Y	—	NQ	2018-739	CASA-18-147992	GELC
R-36	766.9	07/26/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	59.5	—	—	0.453	mg/L	Y	—	NQ	2017-2115	CASA-17-142009	GELC
R-36	766.9	07/26/17	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	61.5	—	—	0.453	mg/L	Y	—	NQ	2017-2115	CASA-17-142022	GELC
R-36	766.9	05/05/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	59.9	—	—	0.453	mg/L	Y	—	NQ	2017-1489	CASA-17-132322	GELC
R-36	766.9	02/14/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	61.5	—	—	0.453	mg/L	Y	—	NQ	2017-1017	CASA-17-129327	GELC
R-36	766.9	11/10/16	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	60	—	—	0.453	mg/L	Y	—	NQ	2017-443	CASA-17-127268	GELC
R-36	766.9	11/10/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	58.8	—	—	0.453	mg/L	Y	—	NQ	2017-443	CASA-17-127293	GELC
R-36	766.9	08/01/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	61.6	—	—	0.453	mg/L	Y	—	NQ	2016-1854	CASA-16-124345	GELC
R-36	766.9	05/17/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	61.6	—	—	0.453	mg/L	Y	—	NQ	2016-1222	CASA-16-115491	GELC
R-36	766.9	02/08/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	61.4	—	—	0.453	mg/L	Y	—	NQ	2016-704	CASA-16-110066	GELC
R-36	766.9	11/06/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.27	—	—	0.11	mg/L	Y	—	NQ	2018-739	CASA-18-147992	GELC
R-36	766.9	07/26/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.06	—	—	0.11	mg/L	Y	—	NQ	2017-2115	CASA-17-142009	GELC
R-36	766.9	07/26/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.22	—	—	0.11	mg/L	Y	—	NQ	2017-2115	CASA-17-142022	GELC
R-36	766.9	05/05/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.05	—	—	0.11	mg/L	Y	—	NQ	2017-1489	CASA-17-132322	GELC
R-36	766.9	02/14/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.23	—	—	0.11	mg/L	Y	—	NQ	2017-1017	CASA-17-129327	GELC
R-36	766.9	11/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.97	—	—	0.11	mg/L	Y	—	NQ	2017-443	CASA-17-127293	GELC
R-36	766.9	11/10/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.06	—	—	0.11	mg/L	Y	—	NQ	2017-443	CASA-17-127268	GELC
R-36	766.9	08/01/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.36	—	—	0.11	mg/L	Y	—	NQ	2016-1854	CASA-16-124345	GELC
R-36	766.9	05/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.11	—	—	0.11	mg/L	Y	—	NQ	2016-1222	CASA-16-115491	GELC
R-36	766.9	02/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.33	—	—	0.11	mg/L	Y	—	NQ	2016-704	CASA-16-110066	GELC
R-36	766.9	11/06/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.87	—	—	0.2	µg/L	Y	—	NQ	2018-739	CASA-18-147992	GELC
R-36	766.9	07/26/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.96	—	—	0.2	µg/L	Y	—	NQ	2017-2115	CASA-17-142009	GELC
R-36	766.9	07/26/17	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.83	—	—	0.2	µg/L	Y	—	NQ	2017-2115	CASA-17-142022	GELC
R-36	766.9	05/05/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.94	—	—	0.2	µg/L	Y	—	NQ	2017-1489	CASA-17-132322	GELC
R-36	766.9	02/14/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.74	—	—	0.3	µg/L	Y	—	NQ	2017-1017	CASA-17-129327	GELC
R-36	766.9	11/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.76	—	—	0.3	µg/L	Y	—	NQ	2017-443	CASA-17-127293	GELC
R-36	766.9	11/10/16	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2	—	—	0.3	µg/L	Y	—	NQ	2017-443	CASA-17-127268	GELC
R-36	766.9	08/01/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.8	—	—	0.165	µg/L	Y	—	J	2016-1854	CASA-16-124345	GELC
R-36	766.9	05/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.79	—	—	0.165	µg/L	Y	—	NQ	2016-1222	CASA-16-115491	GELC
R-36	766.9	02/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2	—	—	0.165	µg/L	Y	—	J	2016-704	CASA-16-110066	GELC
R-36	766.9	11/06/17	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	7.97	2.15	9.15	—	pCi/L	Y	U	U	2018-739	CASA-18-147999	GELC
R-36	766.9	11/17/15	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.83	3.41	11.2	—	pCi/L	Y	U	U	2016-364	CASA-16-106243	GELC
R-36	766.9	11/06/14	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.19	2.66	8.9	—	pCi/L	Y	U	U	2015-251	CASA-15-90252	GELC
R-36	766.9	11/14/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.694	3.03	10.9	—	pCi/L	Y	U	U	2013-322	CASA-13-24212	GELC
R-36	766.9	11/14/12	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.626	2.86	10.5	—	pCi/L	Y	U	U	2013-322	CASA-13-24206	GELC
R-36	766.9	07/12/10	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.768	2.6	8.5	—	pCi/L	Y	U	U	10-3651	CASA-10-22702	GELC
R-36	766.9	11/06/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.901	—	—	0.6	µg/L	Y	J	J	2018-739	CASA-18-147992	GELC
R-36	766.9	07/26/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.08	—	—	0.6	µg/L	Y	J	J	2017-2115	CASA-17-142009	GELC
R-36	766.9	07/26/17	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.978	—	—	0.6	µg/L	Y	J	J	2017-2115	CASA-17-142022	GELC
R-36	766.9	05/05/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.848	—	—	0.6	µg/L	Y	J	J	2017-1489	CASA-17-132322	GELC
R-36	766.9	02/14/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.692	—	—	0.5	µg/L	Y	J	J	2017-1017	CASA-17-129327	GELC
R-36	766.9	11/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.655	—	—	0.5	µg/L	Y	J	J	2017-443	CASA-17-127293	GELC
R-36	766.9	11/10/16	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.757	—	—	0.5	µg/L	Y	J	J	2017-443	CASA-17-127268	GELC
R-36	766.9	08/01/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.631	—	—	0.5	µg/L	Y	J	J	2016-1854	CASA-16-124345	GELC
R-36	766.9	05/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.827	—	—	0.5	µg/L	Y	J	J	2016-1222	CASA-16-115491	GELC
R-36	766.9	02/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.83	—	—	0.5	µg/L	Y	J	J	2016-704	CASA-16-110066	GELC
R-36	766.9	11/06/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.55	—	—	0.085	mg/L	Y	—	NQ	2018-739	CASA-18-147992	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-36	766.9	07/26/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.35	—	—	0.085	mg/L	Y	—	NQ	2017-2115	CASA-17-142009	GELC
R-36	766.9	07/26/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.47	—	—	0.085	mg/L	Y	—	NQ	2017-2115	CASA-17-142022	GELC
R-36	766.9	05/05/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.3	—	—	0.17	mg/L	Y	—	NQ	2017-1489	CASA-17-132322	GELC
R-36	766.9	02/14/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.64	—	—	0.17	mg/L	Y	—	NQ	2017-1017	CASA-17-129327	GELC
R-36	766.9	11/10/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.42	—	—	0.085	mg/L	Y	—	NQ	2017-443	CASA-17-127268	GELC
R-36	766.9	11/10/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.42	—	—	0.085	mg/L	Y	—	NQ	2017-443	CASA-17-127293	GELC
R-36	766.9	08/01/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.37	—	—	0.085	mg/L	Y	—	NQ	2016-1854	CASA-16-124345	GELC
R-36	766.9	05/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.54	—	—	0.17	mg/L	Y	—	NQ	2016-1222	CASA-16-115491	GELC
R-36	766.9	02/08/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.42	—	—	0.085	mg/L	Y	—	NQ	2016-704	CASA-16-110066	GELC
R-36	766.9	11/06/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	1.35	—	—	0.05	µg/L	Y	—	NQ	2018-739	CASA-18-147992	GELC
R-36	766.9	07/26/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	1.46	—	—	0.05	µg/L	Y	—	NQ	2017-2115	CASA-17-142009	GELC
R-36	766.9	07/26/17	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	1.46	—	—	0.05	µg/L	Y	—	NQ	2017-2115	CASA-17-142022	GELC
R-36	766.9	05/05/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	1.57	—	—	0.05	µg/L	Y	—	J	2017-1489	CASA-17-132322	GELC
R-36	766.9	02/14/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	1.42	—	—	0.05	µg/L	Y	—	NQ	2017-1017	CASA-17-129327	GELC
R-36	766.9	11/10/16	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	1.51	—	—	0.1	µg/L	Y	—	NQ	2017-443	CASA-17-127268	GELC
R-36	766.9	11/10/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	1.49	—	—	0.1	µg/L	Y	—	NQ	2017-443	CASA-17-127293	GELC
R-36	766.9	08/01/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	1.51	—	—	0.1	µg/L	Y	—	NQ	2016-1854	CASA-16-124345	GELC
R-36	766.9	05/17/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	1.45	—	—	0.1	µg/L	Y	—	NQ	2016-1222	CASA-16-115491	GELC
R-36	766.9	02/08/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	1.55	—	—	0.1	µg/L	Y	—	NQ	2016-704	CASA-16-110066	GELC
R-36	766.9	11/06/17	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00155	0.01	0.03	—	pCi/L	Y	U	U	2018-739	CASA-18-147999	GELC
R-36	766.9	11/17/15	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00000000101	0.00569	0.0235	—	pCi/L	Y	U	U	2016-364	CASA-16-106243	GELC
R-36	766.9	11/06/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00669	0.0082	0.0449	—	pCi/L	Y	U	U	2015-251	CASA-15-90252	GELC
R-36	766.9	11/14/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00277	0.0048	0.0266	—	pCi/L	Y	U	U	2013-322	CASA-13-24212	GELC
R-36	766.9	11/14/12	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.00382	0.026	—	pCi/L	Y	U	U	2013-322	CASA-13-24206	GELC
R-36	766.9	07/12/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0111	0.0056	0.037	—	pCi/L	Y	U	U	10-3651	CASA-10-22702	GELC
R-36	766.9	11/06/17	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0135	0.0122	0.0434	—	pCi/L	Y	U	U	2018-739	CASA-18-147999	GELC
R-36	766.9	11/17/15	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00201	0.00667	0.0452	—	pCi/L	Y	U	U	2016-364	CASA-16-106243	GELC
R-36	766.9	11/06/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0134	0.0157	0.0662	—	pCi/L	Y	U	U	2015-251	CASA-15-90252	GELC
R-36	766.9	11/14/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00277	0.00619	0.0442	—	pCi/L	Y	U	U	2013-322	CASA-13-24212	GELC
R-36	766.9	11/14/12	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.0054	0.0431	—	pCi/L	Y	U	U	2013-322	CASA-13-24206	GELC
R-36	766.9	07/12/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00556	0.0056	0.038	—	pCi/L	Y	U	U	10-3651	CASA-10-22702	GELC
R-36	766.9	11/06/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.14	—	—	0.05	mg/L	Y	—	NQ	2018-739	CASA-18-147992	GELC
R-36	766.9	07/26/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.98	—	—	0.05	mg/L	Y	—	NQ	2017-2115	CASA-17-142009	GELC
R-36	766.9	07/26/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	2.04	—	—	0.05	mg/L	Y	—	NQ	2017-2115	CASA-17-142022	GELC
R-36	766.9	05/05/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.97	—	—	0.05	mg/L	Y	—	NQ	2017-1489	CASA-17-132322	GELC
R-36	766.9	02/14/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.03	—	—	0.05	mg/L	Y	—	NQ	2017-1017	CASA-17-129327	GELC
R-36	766.9	11/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.99	—	—	0.05	mg/L	Y	—	NQ	2017-443	CASA-17-127293	GELC
R-36	766.9	11/10/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	2.05	—	—	0.05	mg/L	Y	—	NQ	2017-443	CASA-17-127268	GELC
R-36	766.9	08/01/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.01	—	—	0.05	mg/L	Y	—	NQ	2016-1854	CASA-16-124345	GELC
R-36	766.9	05/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.99	—	—	0.05	mg/L	Y	—	NQ	2016-1222	CASA-16-115491	GELC
R-36	766.9	02/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.07	—	—	0.05	mg/L	Y	—	NQ	2016-704	CASA-16-110066	GELC
R-36	766.9	11/06/17	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-16.1	14.1	52.6	—	pCi/L	Y	U	U	2018-739	CASA-18-147999	GELC
R-36	766.9	11/17/15	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-34.6	19.5	64.3	—	pCi/L	Y	U	U	2016-364	CASA-16-106243	GELC
R-36	766.9	11/06/14	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	26.5	14.4	44.6	—	pCi/L	Y	U	U	2015-251	CASA-15-90252	GELC
R-36	766.9	11/14/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-17.2	19.7	70.5	—	pCi/L	Y	U	U	2013-322	CASA-13-24212	GELC
R-36	766.9	11/14/12	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-2.12	17.1	66.9	—	pCi/L	Y	U	U	2013-322	CASA-13-24206	GELC
R-36	766.9	07/12/10	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	6.5	20	71	—	pCi/L	Y	U	U	10-3651	CASA-10-22702	GELC
R-36	766.9	11/06/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.2	—	—	0.053	mg/L	Y	—	NQ	2018-739	CASA-18-147992	GELC
R-36	766.9	07/26/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.8	—	—	0.053	mg/L	Y	—	NQ	2017-2115	CASA-17-142009	GELC
R-36	766.9	07/26/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.8	—	—	0.053	mg/L	Y	—	NQ	2017-2115	CASA-17-142022	GELC
R-36	766.9	05/05/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.8	—	—	0.053	mg/L	Y	—	NQ	2017-1489	CASA-17-132322	GELC
R-36	766.9	02/14/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.9	—	—	0.053	mg/L	Y	—	NQ	2017-1017	CASA-17-129327	GELC
R-36	766.9	11/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.9	—	—	0.053	mg/L	Y	—	NQ	2017-443	CASA-17-127293	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-36	766.9	11/10/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.9	—	—	0.053	mg/L	Y	—	NQ	2017-443	CASA-17-127268	GELC
R-36	766.9	08/01/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.9	—	—	0.053	mg/L	Y	—	NQ	2016-1854	CASA-16-124345	GELC
R-36	766.9	05/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.1	—	—	0.053	mg/L	Y	—	NQ	2016-1222	CASA-16-115491	GELC
R-36	766.9	02/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.1	—	—	0.053	mg/L	Y	—	NQ	2016-704	CASA-16-110066	GELC
R-36	766.9	11/06/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	13.6	—	—	0.1	mg/L	Y	—	NQ	2018-739	CASA-18-147992	GELC
R-36	766.9	07/26/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	15.2	—	—	0.1	mg/L	Y	—	NQ	2017-2115	CASA-17-142009	GELC
R-36	766.9	07/26/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	15.3	—	—	0.1	mg/L	Y	—	NQ	2017-2115	CASA-17-142022	GELC
R-36	766.9	05/05/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	13.9	—	—	0.1	mg/L	Y	—	NQ	2017-1489	CASA-17-132322	GELC
R-36	766.9	02/14/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	14.5	—	—	0.1	mg/L	Y	E	NQ	2017-1017	CASA-17-129327	GELC
R-36	766.9	11/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	14.9	—	—	0.1	mg/L	Y	—	NQ	2017-443	CASA-17-127293	GELC
R-36	766.9	11/10/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	14.3	—	—	0.1	mg/L	Y	—	NQ	2017-443	CASA-17-127268	GELC
R-36	766.9	08/01/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	14.4	—	—	0.1	mg/L	Y	—	NQ	2016-1854	CASA-16-124345	GELC
R-36	766.9	05/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	14.2	—	—	0.1	mg/L	Y	—	NQ	2016-1222	CASA-16-115491	GELC
R-36	766.9	02/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	14.7	—	—	0.1	mg/L	Y	—	NQ	2016-704	CASA-16-110066	GELC
R-36	766.9	11/06/17	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.857	1.19	4.75	—	pCi/L	Y	U	U	2018-739	CASA-18-147999	GELC
R-36	766.9	11/17/15	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.34	1.21	5.49	—	pCi/L	Y	U	U	2016-364	CASA-16-106243	GELC
R-36	766.9	11/06/14	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.43	1.16	4.2	—	pCi/L	Y	U	U	2015-251	CASA-15-90252	GELC
R-36	766.9	11/14/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.918	1.26	5.55	—	pCi/L	Y	U	U	2013-322	CASA-13-24212	GELC
R-36	766.9	11/14/12	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-3.16	1.3	3.8	—	pCi/L	Y	U	U	2013-322	CASA-13-24206	GELC
R-36	766.9	07/12/10	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.04	1.3	4.6	—	pCi/L	Y	U	U	10-3651	CASA-10-22702	GELC
R-36	766.9	11/06/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	235	—	—	1	µS/cm	Y	—	NQ	2018-739	CASA-18-147992	GELC
R-36	766.9	07/26/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	195	—	—	1	µS/cm	Y	—	NQ	2017-2115	CASA-17-142009	GELC
R-36	766.9	07/26/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	193	—	—	1	µS/cm	Y	—	NQ	2017-2115	CASA-17-142022	GELC
R-36	766.9	05/05/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	195	—	—	1	µS/cm	Y	—	NQ	2017-1489	CASA-17-132322	GELC
R-36	766.9	02/14/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	187	—	—	1	µS/cm	Y	—	NQ	2017-1017	CASA-17-129327	GELC
R-36	766.9	11/10/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	187	—	—	1	µS/cm	Y	—	NQ	2017-443	CASA-17-127268	GELC
R-36	766.9	11/10/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	190	—	—	1	µS/cm	Y	—	NQ	2017-443	CASA-17-127293	GELC
R-36	766.9	08/01/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	181	—	—	3.63	µS/cm	Y	—	NQ	2016-1854	CASA-16-124345	GELC
R-36	766.9	05/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	180	—	—	3.63	µS/cm	Y	—	NQ	2016-1222	CASA-16-115491	GELC
R-36	766.9	02/08/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	214	—	—	1	µS/cm	Y	—	NQ	2016-704	CASA-16-110066	GELC
R-36	766.9	11/06/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	65	—	—	1	µg/L	Y	—	NQ	2018-739	CASA-18-147992	GELC
R-36	766.9	07/26/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	68.4	—	—	1	µg/L	Y	—	NQ	2017-2115	CASA-17-142009	GELC
R-36	766.9	07/26/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	69.7	—	—	1	µg/L	Y	—	NQ	2017-2115	CASA-17-142022	GELC
R-36	766.9	05/05/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	67.7	—	—	1	µg/L	Y	—	NQ	2017-1489	CASA-17-132322	GELC
R-36	766.9	02/14/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	65.7	—	—	1	µg/L	Y	—	NQ	2017-1017	CASA-17-129327	GELC
R-36	766.9	11/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	61	—	—	1	µg/L	Y	—	NQ	2017-443	CASA-17-127293	GELC
R-36	766.9	11/10/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	62	—	—	1	µg/L	Y	—	NQ	2017-443	CASA-17-127268	GELC
R-36	766.9	08/01/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	70.6	—	—	1	µg/L	Y	E	NQ	2016-1854	CASA-16-124345	GELC
R-36	766.9	05/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	67.2	—	—	1	µg/L	Y	—	NQ	2016-1222	CASA-16-115491	GELC
R-36	766.9	02/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	72.2	—	—	1	µg/L	Y	—	NQ	2016-704	CASA-16-110066	GELC
R-36	766.9	11/06/17	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.374	0.15	0.47	—	pCi/L	Y	U	U	2018-739	CASA-18-147999	GELC
R-36	766.9	11/17/15	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.185	0.0716	0.372	—	pCi/L	Y	U	U	2016-364	CASA-16-106243	GELC
R-36	766.9	11/06/14	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0229	0.0666	0.229	—	pCi/L	Y	U	U	2015-251	CASA-15-90252	GELC
R-36	766.9	11/14/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0473	0.127	0.475	—	pCi/L	Y	U	U	2013-322	CASA-13-24212	GELC
R-36	766.9	11/14/12	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0566	0.12	0.481	—	pCi/L	Y	U	U	2013-322	CASA-13-24206	GELC
R-36	766.9	07/12/10	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.185	0.086	0.41	—	pCi/L	Y	U	U	10-3651	CASA-10-22702	GELC
R-36	766.9	11/06/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.06	—	—	0.133	mg/L	Y	—	NQ	2018-739	CASA-18-147992	GELC
R-36	766.9	07/26/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.31	—	—	0.133	mg/L	Y	—	NQ	2017-2115	CASA-17-142009	GELC
R-36	766.9	07/26/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.31	—	—	0.133	mg/L	Y	—	NQ	2017-2115	CASA-17-142022	GELC
R-36	766.9	05/05/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.84	—	—	0.133	mg/L	Y	—	NQ	2017-1489	CASA-17-132322	GELC
R-36	766.9	02/14/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.17	—	—	0.133	mg/L	Y	—	NQ	2017-1017	CASA-17-129327	GELC
R-36	766.9	11/10/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.23	—	—	0.133	mg/L	Y	—	NQ	2017-443	CASA-17-127268	GELC
R-36	766.9	11/10/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.21	—	—	0.133	mg/L	Y	—	NQ	2017-443	CASA-17-127293	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-36	766.9	08/01/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7	—	—	0.133	mg/L	Y	—	NQ	2016-1854	CASA-16-124345	GELC
R-36	766.9	05/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.12	—	—	0.133	mg/L	Y	—	NQ	2016-1222	CASA-16-115491	GELC
R-36	766.9	02/08/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.98	—	—	0.133	mg/L	Y	—	NQ	2016-704	CASA-16-110066	GELC
R-36	766.9	11/06/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	2018-739	CASA-18-147992	GELC
R-36	766.9	11/06/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	2018-739	CASA-18-147999	GELC
R-36	766.9	07/26/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2017-2115	CASA-17-142017	GELC
R-36	766.9	07/26/17	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2017-2115	CASA-17-142023	GELC
R-36	766.9	07/26/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2017-2115	CASA-17-142009	GELC
R-36	766.9	07/26/17	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2017-2115	CASA-17-142022	GELC
R-36	766.9	05/05/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2017-1489	CASA-17-132322	GELC
R-36	766.9	05/05/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2017-1489	CASA-17-132331	GELC
R-36	766.9	07/26/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	3.84	—	—	2.5	µg/L	Y	J	J	2017-2115	CASA-17-142009	GELC
R-36	766.9	07/26/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Tin	Sn	Y	2.97	—	—	2.5	µg/L	Y	J	J	2017-2115	CASA-17-142022	GELC
R-36	766.9	05/05/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	2.76	—	—	2.5	µg/L	Y	J	J	2017-1489	CASA-17-132322	GELC
R-36	766.9	02/14/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	2017-1017	CASA-17-129327	GELC
R-36	766.9	11/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	2017-443	CASA-17-127293	GELC
R-36	766.9	11/10/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	2017-443	CASA-17-127268	GELC
R-36	766.9	08/01/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	2016-1854	CASA-16-124345	GELC
R-36	766.9	05/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	2016-1222	CASA-16-115491	GELC
R-36	766.9	11/06/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	176	—	—	3.4	mg/L	Y	—	NQ	2018-739	CASA-18-147992	GELC
R-36	766.9	07/26/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	161	—	—	3.4	mg/L	Y	—	NQ	2017-2115	CASA-17-142009	GELC
R-36	766.9	07/26/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	164	—	—	3.4	mg/L	Y	—	NQ	2017-2115	CASA-17-142022	GELC
R-36	766.9	05/05/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	163	—	—	3.4	mg/L	Y	—	NQ	2017-1489	CASA-17-132322	GELC
R-36	766.9	02/14/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	211	—	—	3.4	mg/L	Y	—	NQ	2017-1017	CASA-17-129327	GELC
R-36	766.9	11/10/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	134	—	—	3.4	mg/L	Y	—	NQ	2017-443	CASA-17-127268	GELC
R-36	766.9	11/10/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	136	—	—	3.4	mg/L	Y	—	NQ	2017-443	CASA-17-127293	GELC
R-36	766.9	08/01/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	159	—	—	3.4	mg/L	Y	—	NQ	2016-1854	CASA-16-124345	GELC
R-36	766.9	05/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	160	—	—	3.4	mg/L	Y	—	NQ	2016-1222	CASA-16-115491	GELC
R-36	766.9	02/08/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	153	—	—	3.4	mg/L	Y	—	NQ	2016-704	CASA-16-110066	GELC
R-36	766.9	02/14/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0845	—	—	0.033	mg/L	Y	J	J	2017-1017	CASA-17-129333	GELC
R-36	766.9	11/10/16	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.096	—	—	0.033	mg/L	Y	J	U	2017-443	CASA-17-127267	GELC
R-36	766.9	11/10/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2017-443	CASA-17-127274	GELC
R-36	766.9	08/01/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2016-1854	CASA-16-124329	GELC
R-36	766.9	05/17/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2016-1222	CASA-16-115482	GELC
R-36	766.9	02/08/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2016-704	CASA-16-110057	GELC
R-36	766.9	05/05/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.332	—	—	0.33	mg/L	Y	J	J	2017-1489	CASA-17-132331	GELC
R-36	766.9	02/14/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	1	—	—	0.33	mg/L	Y	U	U	2017-1017	CASA-17-129333	GELC
R-36	766.9	11/10/16	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.42	—	—	0.33	mg/L	Y	J	J	2017-443	CASA-17-127267	GELC
R-36	766.9	11/10/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	1	—	—	0.33	mg/L	Y	U	U	2017-443	CASA-17-127274	GELC
R-36	766.9	08/01/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	1	—	—	0.33	mg/L	Y	U	U	2016-1854	CASA-16-124329	GELC
R-36	766.9	05/17/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	1	—	—	0.33	mg/L	Y	U	U	2016-1222	CASA-16-115482	GELC
R-36	766.9	05/05/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0276	—	—	0.02	mg/L	Y	J	J	2017-1489	CASA-17-132322	GELC
R-36	766.9	02/14/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.136	—	—	0.02	mg/L	Y	—	NQ	2017-1017	CASA-17-129327	GELC
R-36	766.9	11/10/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0206	—	—	0.02	mg/L	Y	J	J	2017-443	CASA-17-127268	GELC
R-36	766.9	11/10/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.05	—	—	0.02	mg/L	Y	U	U	2017-443	CASA-17-127293	GELC
R-36	766.9	08/01/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.05	—	—	0.02	mg/L	Y	U	U	2016-1854	CASA-16-124345	GELC
R-36	766.9	05/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0334	—	—	0.02	mg/L	Y	J	J	2016-1222	CASA-16-115491	GELC
R-36	766.9	02/08/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.05	—	—	0.017	mg/L	Y	U	U	2016-704	CASA-16-110066	GELC
R-36	766.9	11/06/17	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	10.528	1.791	2.259	—	pCi/L	Y	—	J-	2018-835	CASA-18-147999	ARSL
R-36	766.9	11/10/16	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	10.36	1.791	2.356	—	pCi/L	Y	—	J-	2017-494	CASA-17-127267	ARSL
R-36	766.9	11/10/16	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	12.366	2.071	2.35	—	pCi/L	Y	—	J-	2017-494	CASA-17-127274	ARSL
R-36	766.9	11/17/15	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	11.963	2.002	2.28	—	pCi/L	Y	—	NQ	2016-378	CASA-16-106243	ARSL
R-36	766.9	11/06/14	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	16.052	2.604	2.364	—	pCi/L	Y	—	NQ	2015-311	CASA-15-90252	ARSL

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-36	766.9	11/13/13	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	10.265	1.717	1.953	—	pCi/L	Y	—	J-	2014-2522	CASA-14-45707	ARSL
R-36	766.9	11/06/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.276	—	—	0.067	µg/L	Y	—	NQ	2018-739	CASA-18-147992	GELC
R-36	766.9	07/26/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.322	—	—	0.067	µg/L	Y	—	NQ	2017-2115	CASA-17-142009	GELC
R-36	766.9	07/26/17	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.308	—	—	0.067	µg/L	Y	—	NQ	2017-2115	CASA-17-142022	GELC
R-36	766.9	05/05/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.283	—	—	0.067	µg/L	Y	—	NQ	2017-1489	CASA-17-132322	GELC
R-36	766.9	02/14/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	N	0.294	—	—	0.067	µg/L	Y	—	U	2017-1017	CASA-17-129327	GELC
R-36	766.9	11/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.293	—	—	0.067	µg/L	Y	—	NQ	2017-443	CASA-17-127293	GELC
R-36	766.9	11/10/16	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.325	—	—	0.067	µg/L	Y	—	NQ	2017-443	CASA-17-127268	GELC
R-36	766.9	08/01/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.297	—	—	0.067	µg/L	Y	—	NQ	2016-1854	CASA-16-124345	GELC
R-36	766.9	05/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.29	—	—	0.067	µg/L	Y	—	NQ	2016-1222	CASA-16-115491	GELC
R-36	766.9	11/06/17	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.326	0.0337	0.156	—	pCi/L	Y	—	NQ	2018-739	CASA-18-147999	GELC
R-36	766.9	11/17/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.278	0.0318	0.104	—	pCi/L	Y	—	NQ	2016-364	CASA-16-106243	GELC
R-36	766.9	11/06/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.245	0.0303	0.066	—	pCi/L	Y	—	NQ	2015-251	CASA-15-90252	GELC
R-36	766.9	11/14/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.195	0.0277	0.0628	—	pCi/L	Y	—	NQ	2013-322	CASA-13-24212	GELC
R-36	766.9	11/14/12	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.241	0.0291	0.0635	—	pCi/L	Y	—	NQ	2013-322	CASA-13-24206	GELC
R-36	766.9	07/12/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.268	0.041	0.14	—	pCi/L	Y	—	NQ	10-3651	CASA-10-22702	GELC
R-36	766.9	11/06/17	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0464	0.0155	0.0674	—	pCi/L	Y	U	U	2018-739	CASA-18-147999	GELC
R-36	766.9	11/17/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00789	0.0112	0.0909	—	pCi/L	Y	U	U	2016-364	CASA-16-106243	GELC
R-36	766.9	11/06/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0399	0.0138	0.0575	—	pCi/L	Y	U	U	2015-251	CASA-15-90252	GELC
R-36	766.9	11/14/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00669	0.00669	0.0392	—	pCi/L	Y	U	U	2013-322	CASA-13-24212	GELC
R-36	766.9	11/14/12	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0102	0.00896	0.0397	—	pCi/L	Y	U	U	2013-322	CASA-13-24206	GELC
R-36	766.9	07/12/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0	0.0059	0.065	—	pCi/L	Y	U	U	10-3651	CASA-10-22702	GELC
R-36	766.9	11/06/17	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.172	0.0241	0.0912	—	pCi/L	Y	—	NQ	2018-739	CASA-18-147999	GELC
R-36	766.9	11/17/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.118	0.0209	0.103	—	pCi/L	Y	—	NQ	2016-364	CASA-16-106243	GELC
R-36	766.9	11/06/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0967	0.0209	0.0633	—	pCi/L	Y	—	NQ	2015-251	CASA-15-90252	GELC
R-36	766.9	11/14/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0975	0.0171	0.0426	—	pCi/L	Y	—	NQ	2013-322	CASA-13-24212	GELC
R-36	766.9	11/14/12	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0986	0.0178	0.0431	—	pCi/L	Y	—	NQ	2013-322	CASA-13-24206	GELC
R-36	766.9	07/12/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.119	0.025	0.083	—	pCi/L	Y	—	NQ	10-3651	CASA-10-22702	GELC
R-36	766.9	11/06/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	14.9	—	—	1	µg/L	Y	—	NQ	2018-739	CASA-18-147992	GELC
R-36	766.9	07/26/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	14.6	—	—	1	µg/L	Y	—	NQ	2017-2115	CASA-17-142009	GELC
R-36	766.9	07/26/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	14.8	—	—	1	µg/L	Y	—	NQ	2017-2115	CASA-17-142022	GELC
R-36	766.9	05/05/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	14.2	—	—	1	µg/L	Y	—	NQ	2017-1489	CASA-17-132322	GELC
R-36	766.9	02/14/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	14.7	—	—	1	µg/L	Y	—	NQ	2017-1017	CASA-17-129327	GELC
R-36	766.9	11/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	14.6	—	—	1	µg/L	Y	—	NQ	2017-443	CASA-17-127293	GELC
R-36	766.9	11/10/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	15.1	—	—	1	µg/L	Y	—	NQ	2017-443	CASA-17-127268	GELC
R-36	766.9	08/01/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	15.4	—	—	1	µg/L	Y	—	NQ	2016-1854	CASA-16-124345	GELC
R-36	766.9	05/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	14.5	—	—	1	µg/L	Y	—	NQ	2016-1222	CASA-16-115491	GELC
R-36	766.9	02/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	15	—	—	1	µg/L	Y	—	NQ	2016-704	CASA-16-110066	GELC
R-36	766.9	11/06/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	26.3	—	—	3.3	µg/L	Y	—	NQ	2018-739	CASA-18-147992	GELC
R-36	766.9	07/26/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	24.8	—	—	3.3	µg/L	Y	—	NQ	2017-2115	CASA-17-142009	GELC
R-36	766.9	07/26/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Zinc	Zn	Y	24.7	—	—	3.3	µg/L	Y	—	NQ	2017-2115	CASA-17-142022	GELC
R-36	766.9	05/05/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	24.6	—	—	3.3	µg/L	Y	—	NQ	2017-1489	CASA-17-132322	GELC
R-36	766.9	02/14/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	28.3	—	—	3.3	µg/L	Y	—	NQ	2017-1017	CASA-17-129327	GELC
R-36	766.9	11/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	23.7	—	—	3.3	µg/L	Y	—	NQ	2017-443	CASA-17-127293	GELC
R-36	766.9	11/10/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Zinc	Zn	Y	23.7	—	—	3.3	µg/L	Y	—	NQ	2017-443	CASA-17-127268	GELC
R-36	766.9	08/01/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	28.9	—	—	3.3	µg/L	Y	—	NQ	2016-1854	CASA-16-124345	GELC
R-36	766.9	05/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	31.5	—	—	3.3	µg/L	Y	—	NQ	2016-1222	CASA-16-115491	GELC
R-36	766.9	02/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	36.8	—	—	3.3	µg/L	Y	—	NQ	2016-704	CASA-16-110066	GELC
R-42	931.8	07/28/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.92	—	—	0.01	SU	Y	H	NQ	2017-2179	CAMO-17-141979	GELC
R-42	931.8	05/10/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	9.21	—	—	0.01	SU	Y	H	NQ	2017-1517	CAMO-17-132208	GELC
R-42	931.8	05/04/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.81	—	—	0.01	SU	Y	H	NQ	2016-1147	CAMO-16-115279	GELC
R-42	931.8	02/04/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.71	—	—	0.01	SU	Y	H	NQ	2016-697	CAMO-16-110041	GELC
R-42	931.8	11/16/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.49	—	—	0.01	SU	Y	H	NQ	2016-350	CAMO-16-106125	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-42	931.8	08/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.83	—	—	0.01	SU	Y	H	NQ	2015-2151	CAMO-15-102607	GELC
R-42	931.8	07/28/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	23	—	—	1.45	mg/L	Y	—	NQ	2017-2179	CAMO-17-141979	GELC
R-42	931.8	05/10/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	39.6	—	—	1.45	mg/L	Y	—	NQ	2017-1517	CAMO-17-132208	GELC
R-42	931.8	05/04/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1	—	—	0.725	mg/L	Y	U	U	2016-1147	CAMO-16-115279	GELC
R-42	931.8	02/04/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1	—	—	0.725	mg/L	Y	U	U	2016-697	CAMO-16-110041	GELC
R-42	931.8	11/16/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1	—	—	0.725	mg/L	Y	U	U	2016-350	CAMO-16-106125	GELC
R-42	931.8	08/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1	—	—	0.725	mg/L	Y	U	U	2015-2151	CAMO-15-102607	GELC
R-42	931.8	07/28/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	98.6	—	—	1.45	mg/L	Y	—	NQ	2017-2179	CAMO-17-141979	GELC
R-42	931.8	05/10/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	121	—	—	1.45	mg/L	Y	—	NQ	2017-1517	CAMO-17-132208	GELC
R-42	931.8	05/04/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	68.1	—	—	0.725	mg/L	Y	—	NQ	2016-1147	CAMO-16-115279	GELC
R-42	931.8	02/04/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	69.9	—	—	0.725	mg/L	Y	—	NQ	2016-697	CAMO-16-110041	GELC
R-42	931.8	11/16/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66.8	—	—	0.725	mg/L	Y	—	NQ	2016-350	CAMO-16-106125	GELC
R-42	931.8	08/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66.2	—	—	0.725	mg/L	Y	—	NQ	2015-2151	CAMO-15-102607	GELC
R-42	931.8	07/28/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	57.6	—	—	1	µg/L	Y	—	NQ	2017-2179	CAMO-17-141979	GELC
R-42	931.8	05/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	44.2	—	—	1	µg/L	Y	—	NQ	2017-1517	CAMO-17-132208	GELC
R-42	931.8	05/04/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	94.8	—	—	1	µg/L	Y	—	NQ	2016-1147	CAMO-16-115279	GELC
R-42	931.8	02/04/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	99.7	—	—	1	µg/L	Y	—	NQ	2016-697	CAMO-16-110041	GELC
R-42	931.8	11/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	98	—	—	1	µg/L	Y	—	NQ	2016-350	CAMO-16-106125	GELC
R-42	931.8	08/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	102	—	—	1	µg/L	Y	—	NQ	2015-2151	CAMO-15-102607	GELC
R-42	931.8	07/28/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	16.7	—	—	15	µg/L	Y	J	J	2017-2179	CAMO-17-141979	GELC
R-42	931.8	05/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	18.6	—	—	15	µg/L	Y	J	J	2017-1517	CAMO-17-132208	GELC
R-42	931.8	05/04/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	50	—	—	15	µg/L	Y	U	U	2016-1147	CAMO-16-115279	GELC
R-42	931.8	02/04/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	18.3	—	—	15	µg/L	Y	J	J	2016-697	CAMO-16-110041	GELC
R-42	931.8	11/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	19.7	—	—	15	µg/L	Y	J	J	2016-350	CAMO-16-106125	GELC
R-42	931.8	08/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	20.6	—	—	15	µg/L	Y	J	J	2015-2151	CAMO-15-102607	GELC
R-42	931.8	07/28/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.306	—	—	0.067	mg/L	Y	—	NQ	2017-2179	CAMO-17-141979	GELC
R-42	931.8	05/10/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.31	—	—	0.067	mg/L	Y	—	NQ	2017-1517	CAMO-17-132208	GELC
R-42	931.8	05/04/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.293	—	—	0.067	mg/L	Y	—	NQ	2016-1147	CAMO-16-115279	GELC
R-42	931.8	02/04/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.298	—	—	0.067	mg/L	Y	—	NQ	2016-697	CAMO-16-110041	GELC
R-42	931.8	11/16/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.27	—	—	0.067	mg/L	Y	—	NQ	2016-350	CAMO-16-106125	GELC
R-42	931.8	08/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.282	—	—	0.067	mg/L	Y	—	NQ	2015-2151	CAMO-15-102607	GELC
R-42	931.8	07/28/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	30.8	—	—	0.05	mg/L	Y	—	J-	2017-2179	CAMO-17-141979	GELC
R-42	931.8	05/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	22.2	—	—	0.05	mg/L	Y	—	NQ	2017-1517	CAMO-17-132208	GELC
R-42	931.8	05/04/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	54.3	—	—	0.05	mg/L	Y	—	J+	2016-1147	CAMO-16-115279	GELC
R-42	931.8	02/04/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	54.6	—	—	0.05	mg/L	Y	—	NQ	2016-697	CAMO-16-110041	GELC
R-42	931.8	11/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	55.1	—	—	0.05	mg/L	Y	—	NQ	2016-350	CAMO-16-106125	GELC
R-42	931.8	08/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	56.9	—	—	0.05	mg/L	Y	—	NQ	2015-2151	CAMO-15-102607	GELC
R-42	931.8	07/28/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	48.9	—	—	0.67	mg/L	Y	—	NQ	2017-2179	CAMO-17-141979	GELC
R-42	931.8	05/10/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	52.4	—	—	0.67	mg/L	Y	—	NQ	2017-1517	CAMO-17-132208	GELC
R-42	931.8	05/04/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	47.6	—	—	0.67	mg/L	Y	—	NQ	2016-1147	CAMO-16-115279	GELC
R-42	931.8	02/04/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	48.2	—	—	0.67	mg/L	Y	—	NQ	2016-697	CAMO-16-110041	GELC
R-42	931.8	11/16/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	45.7	—	—	0.67	mg/L	Y	—	NQ	2016-350	CAMO-16-106125	GELC
R-42	931.8	08/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	47.4	—	—	0.67	mg/L	Y	—	NQ	2015-2151	CAMO-15-102607	GELC
R-42	931.8	07/28/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	793	—	—	3	µg/L	Y	—	J-	2017-2179	CAMO-17-141979	GELC
R-42	931.8	05/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	776	—	—	3	µg/L	Y	—	NQ	2017-1517	CAMO-17-132208	GELC
R-42	931.8	05/04/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	718	—	—	2	µg/L	Y	—	J-	2016-1147	CAMO-16-115279	GELC
R-42	931.8	02/04/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	836	—	—	2	µg/L	Y	—	NQ	2016-697	CAMO-16-110041	GELC
R-42	931.8	11/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	821	—	—	2	µg/L	Y	—	NQ	2016-350	CAMO-16-106125	GELC
R-42	931.8	08/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	835	—	—	2	µg/L	Y	—	NQ	2015-2151	CAMO-15-102607	GELC
R-42	931.8	07/28/17	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00637	—	—	0.00167	mg/L	Y	—	NQ	2017-2179	CAMO-17-141995	GELC
R-42	931.8	05/10/17	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.0077	—	—	0.00167	mg/L	Y	—	NQ	2017-1517	CAMO-17-132228	GELC
R-42	931.8	05/04/16	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00694	—	—	0.00167	mg/L	Y	—	NQ	2016-1147	CAMO-16-115256	GELC
R-42	931.8	02/04/16	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00585	—	—	0.00167	mg/L	Y	—	NQ	2016-697	CAMO-16-110023	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-42	931.8	11/16/15	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00715	—	—	0.00167	mg/L	Y	—	NQ	2016-350	CAMO-16-106104	GELC
R-42	931.8	08/12/15	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00748	—	—	0.00167	mg/L	Y	—	NQ	2015-2151	CAMO-15-102583	GELC
R-42	931.8	07/28/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.161	—	—	0.033	mg/L	Y	—	NQ	2017-2179	CAMO-17-141979	GELC
R-42	931.8	05/10/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.173	—	—	0.033	mg/L	Y	—	NQ	2017-1517	CAMO-17-132208	GELC
R-42	931.8	05/04/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.218	—	—	0.033	mg/L	Y	—	NQ	2016-1147	CAMO-16-115279	GELC
R-42	931.8	02/04/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.219	—	—	0.033	mg/L	Y	—	NQ	2016-697	CAMO-16-110041	GELC
R-42	931.8	11/16/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.224	—	—	0.033	mg/L	Y	—	NQ	2016-350	CAMO-16-106125	GELC
R-42	931.8	08/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.229	—	—	0.033	mg/L	Y	—	NQ	2015-2151	CAMO-15-102607	GELC
R-42	931.8	07/28/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	127	—	—	0.453	mg/L	Y	—	NQ	2017-2179	CAMO-17-141979	GELC
R-42	931.8	05/10/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	94.3	—	—	0.453	mg/L	Y	—	NQ	2017-1517	CAMO-17-132208	GELC
R-42	931.8	05/04/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	196	—	—	0.453	mg/L	Y	—	NQ	2016-1147	CAMO-16-115279	GELC
R-42	931.8	02/04/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	200	—	—	0.453	mg/L	Y	—	NQ	2016-697	CAMO-16-110041	GELC
R-42	931.8	11/16/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	201	—	—	0.453	mg/L	Y	—	NQ	2016-350	CAMO-16-106125	GELC
R-42	931.8	08/12/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	208	—	—	0.453	mg/L	Y	—	NQ	2015-2151	CAMO-15-102607	GELC
R-42	931.8	07/28/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	12.1	—	—	0.11	mg/L	Y	—	NQ	2017-2179	CAMO-17-141979	GELC
R-42	931.8	05/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	9.45	—	—	0.11	mg/L	Y	—	NQ	2017-1517	CAMO-17-132208	GELC
R-42	931.8	05/04/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	14.5	—	—	0.11	mg/L	Y	—	NQ	2016-1147	CAMO-16-115279	GELC
R-42	931.8	02/04/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	15.5	—	—	0.11	mg/L	Y	—	NQ	2016-697	CAMO-16-110041	GELC
R-42	931.8	11/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	15.5	—	—	0.11	mg/L	Y	—	NQ	2016-350	CAMO-16-106125	GELC
R-42	931.8	08/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	16.1	—	—	0.11	mg/L	Y	—	NQ	2015-2151	CAMO-15-102607	GELC
R-42	931.8	07/28/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.518	—	—	0.2	µg/L	Y	—	NQ	2017-2179	CAMO-17-141979	GELC
R-42	931.8	05/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.553	—	—	0.2	µg/L	Y	—	NQ	2017-1517	CAMO-17-132208	GELC
R-42	931.8	05/04/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.574	—	—	0.165	µg/L	Y	—	NQ	2016-1147	CAMO-16-115279	GELC
R-42	931.8	02/04/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	0.584	—	—	0.165	µg/L	Y	—	U	2016-697	CAMO-16-110041	GELC
R-42	931.8	11/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.632	—	—	0.165	µg/L	Y	—	NQ	2016-350	CAMO-16-106125	GELC
R-42	931.8	08/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.529	—	—	0.165	µg/L	Y	—	NQ	2015-2151	CAMO-15-102607	GELC
R-42	931.8	07/28/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	19.6	—	—	0.6	µg/L	Y	—	NQ	2017-2179	CAMO-17-141979	GELC
R-42	931.8	05/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	19.4	—	—	0.6	µg/L	Y	—	NQ	2017-1517	CAMO-17-132208	GELC
R-42	931.8	05/04/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	25.9	—	—	0.5	µg/L	Y	—	NQ	2016-1147	CAMO-16-115279	GELC
R-42	931.8	02/04/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	25.7	—	—	0.5	µg/L	Y	—	NQ	2016-697	CAMO-16-110041	GELC
R-42	931.8	11/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	26	—	—	0.5	µg/L	Y	—	NQ	2016-350	CAMO-16-106125	GELC
R-42	931.8	08/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	30.1	—	—	0.5	µg/L	Y	—	NQ	2015-2151	CAMO-15-102607	GELC
R-42	931.8	07/28/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.35	—	—	0.085	mg/L	Y	—	NQ	2017-2179	CAMO-17-141979	GELC
R-42	931.8	05/10/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.4	—	—	0.17	mg/L	Y	—	NQ	2017-1517	CAMO-17-132208	GELC
R-42	931.8	05/04/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	6.3	—	—	0.085	mg/L	Y	—	NQ	2016-1147	CAMO-16-115279	GELC
R-42	931.8	02/04/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.26	—	—	0.17	mg/L	Y	—	NQ	2016-697	CAMO-16-110041	GELC
R-42	931.8	11/16/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.37	—	—	0.17	mg/L	Y	—	NQ	2016-350	CAMO-16-106125	GELC
R-42	931.8	08/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	4.75	—	—	0.17	mg/L	Y	—	NQ	2015-2151	CAMO-15-102607	GELC
R-42	931.8	07/28/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	1.13	—	—	0.05	µg/L	Y	—	NQ	2017-2179	CAMO-17-141979	GELC
R-42	931.8	05/10/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	1.13	—	—	0.05	µg/L	Y	—	NQ	2017-1517	CAMO-17-132208	GELC
R-42	931.8	05/04/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	1.15	—	—	0.1	µg/L	Y	—	NQ	2016-1147	CAMO-16-115279	GELC
R-42	931.8	02/04/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	1.2	—	—	0.1	µg/L	Y	—	NQ	2016-697	CAMO-16-110041	GELC
R-42	931.8	11/16/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	1.28	—	—	0.1	µg/L	Y	—	NQ	2016-350	CAMO-16-106125	GELC
R-42	931.8	08/12/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	1.24	—	—	0.1	µg/L	Y	—	NQ	2015-2151	CAMO-15-102607	GELC
R-42	931.8	07/28/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.47	—	—	0.05	mg/L	Y	—	NQ	2017-2179	CAMO-17-141979	GELC
R-42	931.8	05/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.36	—	—	0.05	mg/L	Y	—	NQ	2017-1517	CAMO-17-132208	GELC
R-42	931.8	05/04/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.35	—	—	0.05	mg/L	Y	—	NQ	2016-1147	CAMO-16-115279	GELC
R-42	931.8	02/04/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.42	—	—	0.05	mg/L	Y	—	NQ	2016-697	CAMO-16-110041	GELC
R-42	931.8	11/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.2	—	—	0.05	mg/L	Y	—	NQ	2016-350	CAMO-16-106125	GELC
R-42	931.8	08/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.52	—	—	0.05	mg/L	Y	—	NQ	2015-2151	CAMO-15-102607	GELC
R-42	931.8	07/28/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.9	—	—	0.053	mg/L	Y	—	NQ	2017-2179	CAMO-17-141979	GELC
R-42	931.8	05/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	68	—	—	0.053	mg/L	Y	—	NQ	2017-1517	CAMO-17-132208	GELC
R-42	931.8	05/04/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.9	—	—	0.053	mg/L	Y	—	NQ	2016-1147	CAMO-16-115279	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-42	931.8	02/04/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.9	—	—	0.053	mg/L	Y	—	NQ	2016-697	CAMO-16-110041	GELC
R-42	931.8	11/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	75.4	—	—	0.053	mg/L	Y	—	NQ	2016-350	CAMO-16-106125	GELC
R-42	931.8	08/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	75.9	—	—	0.053	mg/L	Y	—	NQ	2015-2151	CAMO-15-102607	GELC
R-42	931.8	07/28/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	59.2	—	—	0.1	mg/L	Y	—	J-	2017-2179	CAMO-17-141979	GELC
R-42	931.8	05/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	90.3	—	—	0.1	mg/L	Y	—	NQ	2017-1517	CAMO-17-132208	GELC
R-42	931.8	05/04/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	16.8	—	—	0.1	mg/L	Y	—	NQ	2016-1147	CAMO-16-115279	GELC
R-42	931.8	02/04/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	16	—	—	0.1	mg/L	Y	—	NQ	2016-697	CAMO-16-110041	GELC
R-42	931.8	11/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	17.5	—	—	0.1	mg/L	Y	—	NQ	2016-350	CAMO-16-106125	GELC
R-42	931.8	08/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	16.8	—	—	0.1	mg/L	Y	—	NQ	2015-2151	CAMO-15-102607	GELC
R-42	931.8	07/28/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	613	—	—	1	µS/cm	Y	—	NQ	2017-2179	CAMO-17-141979	GELC
R-42	931.8	05/10/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	521	—	—	1	µS/cm	Y	—	NQ	2017-1517	CAMO-17-132208	GELC
R-42	931.8	05/04/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	597	—	—	1	µS/cm	Y	—	NQ	2016-1147	CAMO-16-115279	GELC
R-42	931.8	02/04/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	572	—	—	1	µS/cm	Y	—	NQ	2016-697	CAMO-16-110041	GELC
R-42	931.8	11/16/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	530	—	—	1	µS/cm	Y	—	NQ	2016-350	CAMO-16-106125	GELC
R-42	931.8	08/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	486	—	—	3.63	µS/cm	Y	—	NQ	2015-2151	CAMO-15-102607	GELC
R-42	931.8	07/28/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	157	—	—	1	µg/L	Y	—	NQ	2017-2179	CAMO-17-141979	GELC
R-42	931.8	05/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	120	—	—	1	µg/L	Y	—	NQ	2017-1517	CAMO-17-132208	GELC
R-42	931.8	05/04/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	204	—	—	1	µg/L	Y	—	NQ	2016-1147	CAMO-16-115279	GELC
R-42	931.8	02/04/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	178	—	—	1	µg/L	Y	—	NQ	2016-697	CAMO-16-110041	GELC
R-42	931.8	11/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	201	—	—	1	µg/L	Y	—	NQ	2016-350	CAMO-16-106125	GELC
R-42	931.8	08/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	220	—	—	1	µg/L	Y	—	NQ	2015-2151	CAMO-15-102607	GELC
R-42	931.8	07/28/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	79.6	—	—	1.33	mg/L	Y	—	NQ	2017-2179	CAMO-17-141979	GELC
R-42	931.8	05/10/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	84.3	—	—	1.33	mg/L	Y	—	NQ	2017-1517	CAMO-17-132208	GELC
R-42	931.8	05/04/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	78.9	—	—	1.33	mg/L	Y	—	NQ	2016-1147	CAMO-16-115279	GELC
R-42	931.8	02/04/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	80.1	—	—	1.33	mg/L	Y	—	NQ	2016-697	CAMO-16-110041	GELC
R-42	931.8	11/16/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	77.1	—	—	1.33	mg/L	Y	—	NQ	2016-350	CAMO-16-106125	GELC
R-42	931.8	08/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	80.9	—	—	1.33	mg/L	Y	—	NQ	2015-2151	CAMO-15-102607	GELC
R-42	931.8	07/28/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	2017-2179	CAMO-17-141979	GELC
R-42	931.8	07/28/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	2017-2179	CAMO-17-141995	GELC
R-42	931.8	05/10/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2017-1517	CAMO-17-132228	GELC
R-42	931.8	05/10/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2017-1517	CAMO-17-132208	GELC
R-42	931.8	07/28/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	3.74	—	—	2.5	µg/L	Y	J	J	2017-2179	CAMO-17-141979	GELC
R-42	931.8	05/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	2017-1517	CAMO-17-132208	GELC
R-42	931.8	05/04/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	4.95	—	—	2.5	µg/L	Y	J	J	2016-1147	CAMO-16-115279	GELC
R-42	931.8	02/04/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	5.98	—	—	2.5	µg/L	Y	J	J	2016-697	CAMO-16-110041	GELC
R-42	931.8	11/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	4	—	—	2.5	µg/L	Y	J	J	2016-350	CAMO-16-106125	GELC
R-42	931.8	07/28/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	379	—	—	3.4	mg/L	Y	—	NQ	2017-2179	CAMO-17-141979	GELC
R-42	931.8	05/10/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	383	—	—	3.4	mg/L	Y	—	J	2017-1517	CAMO-17-132208	GELC
R-42	931.8	05/04/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	356	—	—	3.4	mg/L	Y	—	J	2016-1147	CAMO-16-115279	GELC
R-42	931.8	02/04/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	384	—	—	3.4	mg/L	Y	—	NQ	2016-697	CAMO-16-110041	GELC
R-42	931.8	11/16/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	389	—	—	3.4	mg/L	Y	—	NQ	2016-350	CAMO-16-106125	GELC
R-42	931.8	08/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	376	—	—	3.4	mg/L	Y	—	NQ	2015-2151	CAMO-15-102607	GELC
R-42	931.8	05/10/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.145	—	—	0.033	mg/L	Y	—	NQ	2017-1517	CAMO-17-132228	GELC
R-42	931.8	05/04/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.131	—	—	0.033	mg/L	Y	—	NQ	2016-1147	CAMO-16-115256	GELC
R-42	931.8	02/04/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2016-697	CAMO-16-110023	GELC
R-42	931.8	11/16/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2016-350	CAMO-16-106104	GELC
R-42	931.8	08/12/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0721	—	—	0.033	mg/L	Y	J	J	2015-2151	CAMO-15-102583	GELC
R-42	931.8	07/28/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.855	—	—	0.33	mg/L	Y	J	J	2017-2179	CAMO-17-141995	GELC
R-42	931.8	05/10/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.792	—	—	0.33	mg/L	Y	J	J	2017-1517	CAMO-17-132228	GELC
R-42	931.8	05/04/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.669	—	—	0.33	mg/L	Y	J	J	2016-1147	CAMO-16-115256	GELC
R-42	931.8	02/04/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.812	—	—	0.33	mg/L	Y	J	J	2016-697	CAMO-16-110023	GELC
R-42	931.8	11/16/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.9	—	—	0.33	mg/L	Y	J	J	2016-350	CAMO-16-106104	GELC
R-42	931.8	08/12/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.864	—	—	0.33	mg/L	Y	J	J	2015-2151	CAMO-15-102583	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-42	931.8	05/10/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.036	—	—	0.02	mg/L	Y	J	J	2017-1517	CAMO-17-132208	GELC
R-42	931.8	05/04/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.05	—	—	0.02	mg/L	Y	U	U	2016-1147	CAMO-16-115279	GELC
R-42	931.8	02/04/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.05	—	—	0.017	mg/L	Y	U	U	2016-697	CAMO-16-110041	GELC
R-42	931.8	11/16/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.05	—	—	0.017	mg/L	Y	U	U	2016-350	CAMO-16-106125	GELC
R-42	931.8	08/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.067	—	—	0.017	mg/L	Y	—	NQ	2015-2151	CAMO-15-102607	GELC
R-42	931.8	07/28/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.837	—	—	0.067	µg/L	Y	—	NQ	2017-2179	CAMO-17-141979	GELC
R-42	931.8	05/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.714	—	—	0.067	µg/L	Y	—	NQ	2017-1517	CAMO-17-132208	GELC
R-42	931.8	05/04/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.13	—	—	0.067	µg/L	Y	—	NQ	2016-1147	CAMO-16-115279	GELC
R-42	931.8	02/04/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.05	—	—	0.067	µg/L	Y	—	NQ	2016-697	CAMO-16-110041	GELC
R-42	931.8	11/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.02	—	—	0.067	µg/L	Y	—	NQ	2016-350	CAMO-16-106125	GELC
R-42	931.8	08/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.03	—	—	0.067	µg/L	Y	—	NQ	2015-2151	CAMO-15-102607	GELC
R-42	931.8	07/28/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.6	—	—	1	µg/L	Y	J	J	2017-2179	CAMO-17-141979	GELC
R-42	931.8	05/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.95	—	—	1	µg/L	Y	J	J	2017-1517	CAMO-17-132208	GELC
R-42	931.8	05/04/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.48	—	—	1	µg/L	Y	J	J	2016-1147	CAMO-16-115279	GELC
R-42	931.8	02/04/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.76	—	—	1	µg/L	Y	J	J	2016-697	CAMO-16-110041	GELC
R-42	931.8	11/16/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.79	—	—	1	µg/L	Y	J	J	2016-350	CAMO-16-106125	GELC
R-42	931.8	08/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.46	—	—	1	µg/L	Y	—	NQ	2015-2151	CAMO-15-102607	GELC
R-43 S1	903.9	11/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.96	—	—	0.01	SU	Y	H	NQ	2018-854	CASA-18-147993	GELC
R-43 S1	903.9	08/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.78	—	—	0.01	SU	Y	H	NQ	2017-2427	CASA-17-142776	GELC
R-43 S1	903.9	05/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.98	—	—	0.01	SU	Y	H	NQ	2017-1496	CASA-17-132323	GELC
R-43 S1	903.9	02/13/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.98	—	—	0.01	SU	Y	H	NQ	2017-1011	CASA-17-129340	GELC
R-43 S1	903.9	11/14/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.1	—	—	0.01	SU	Y	H	NQ	2017-454	CASA-17-127294	GELC
R-43 S1	903.9	08/02/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.93	—	—	0.01	SU	Y	H	NQ	2016-1874	CASA-16-124346	GELC
R-43 S1	903.9	05/12/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.16	—	—	0.01	SU	Y	H	NQ	2016-1211	CASA-16-115492	GELC
R-43 S1	903.9	02/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.29	—	—	0.01	SU	Y	H	NQ	2016-753	CASA-16-110067	GELC
R-43 S1	903.9	02/16/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.29	—	—	0.01	SU	Y	H	NQ	2016-753	CASA-16-110053	GELC
R-43 S1	903.9	11/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	44.6	—	—	1.45	mg/L	Y	H	NQ	2018-854	CASA-18-147993	GELC
R-43 S1	903.9	08/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	45.4	—	—	1.45	mg/L	Y	—	NQ	2017-2427	CASA-17-142776	GELC
R-43 S1	903.9	05/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	42.4	—	—	1.45	mg/L	Y	—	NQ	2017-1496	CASA-17-132323	GELC
R-43 S1	903.9	02/13/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	45	—	—	1.45	mg/L	Y	—	NQ	2017-1011	CASA-17-129340	GELC
R-43 S1	903.9	11/14/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	44.8	—	—	1.45	mg/L	Y	—	NQ	2017-454	CASA-17-127294	GELC
R-43 S1	903.9	08/02/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	44.2	—	—	1.45	mg/L	Y	—	NQ	2016-1874	CASA-16-124346	GELC
R-43 S1	903.9	05/12/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	41	—	—	0.725	mg/L	Y	—	NQ	2016-1211	CASA-16-115492	GELC
R-43 S1	903.9	02/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	40.9	—	—	0.725	mg/L	Y	—	NQ	2016-753	CASA-16-110067	GELC
R-43 S1	903.9	02/16/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	41.9	—	—	0.725	mg/L	Y	—	NQ	2016-753	CASA-16-110053	GELC
R-43 S1	903.9	02/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	Y	76.8	—	—	68	µg/L	Y	J	J	2017-1011	CASA-17-129340	GELC
R-43 S1	903.9	11/14/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	2017-454	CASA-17-127294	GELC
R-43 S1	903.9	08/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	2016-1874	CASA-16-124346	GELC
R-43 S1	903.9	05/12/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	2016-1211	CASA-16-115492	GELC
R-43 S1	903.9	02/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	2016-753	CASA-16-110067	GELC
R-43 S1	903.9	02/16/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	2016-753	CASA-16-110053	GELC
R-43 S1	903.9	11/09/17	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00461	0.00565	0.0411	—	pCi/L	Y	U	U	2018-854	CASA-18-148000	GELC
R-43 S1	903.9	11/18/15	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00000000376	0.0112	0.0339	—	pCi/L	Y	U	U	2016-375	CASA-16-106244	GELC
R-43 S1	903.9	11/21/14	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.011	0.00728	0.0459	—	pCi/L	Y	U	U	2015-415	CASA-15-90253	GELC
R-43 S1	903.9	11/07/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0062	0.00677	0.0254	—	pCi/L	Y	U	U	2013-286	CASA-13-24213	GELC
R-43 S1	903.9	08/14/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0128	0.00904	0.0438	—	pCi/L	Y	U	U	12-1496	CASA-12-21644	GELC
R-43 S1	903.9	11/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0318	—	—	0.017	mg/L	Y	J	J	2018-854	CASA-18-147993	GELC
R-43 S1	903.9	02/13/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.115	—	—	0.017	mg/L	Y	—	NQ	2017-1011	CASA-17-129340	GELC
R-43 S1	903.9	11/14/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0426	—	—	0.017	mg/L	Y	J	U	2017-454	CASA-17-127294	GELC
R-43 S1	903.9	08/02/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0746	—	—	0.017	mg/L	Y	—	U	2016-1874	CASA-16-124346	GELC
R-43 S1	903.9	05/12/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0946	—	—	0.017	mg/L	Y	—	U	2016-1211	CASA-16-115492	GELC
R-43 S1	903.9	02/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0539	—	—	0.017	mg/L	Y	—	NQ	2016-753	CASA-16-110067	GELC
R-43 S1	903.9	02/16/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0539	—	—	0.017	mg/L	Y	—	NQ	2016-753	CASA-16-110053	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-43 S1	903.9	11/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.08	—	—	2	µg/L	Y	J	J	2018-854	CASA-18-147993	GELC
R-43 S1	903.9	02/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.11	—	—	1.7	µg/L	Y	J	J	2017-1011	CASA-17-129340	GELC
R-43 S1	903.9	11/14/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	1.92	—	—	1.7	µg/L	Y	J	J	2017-454	CASA-17-127294	GELC
R-43 S1	903.9	08/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.22	—	—	1.7	µg/L	Y	J	J	2016-1874	CASA-16-124346	GELC
R-43 S1	903.9	05/12/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.29	—	—	1.7	µg/L	Y	J	J	2016-1211	CASA-16-115492	GELC
R-43 S1	903.9	02/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.37	—	—	1.7	µg/L	Y	J	J	2016-753	CASA-16-110067	GELC
R-43 S1	903.9	02/16/16	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	Y	2.54	—	—	1.7	µg/L	Y	J	J	2016-753	CASA-16-110053	GELC
R-43 S1	903.9	11/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	25.1	—	—	1	µg/L	Y	—	NQ	2018-854	CASA-18-147993	GELC
R-43 S1	903.9	08/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	23.9	—	—	1	µg/L	Y	—	NQ	2017-2427	CASA-17-142776	GELC
R-43 S1	903.9	05/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	23.3	—	—	1	µg/L	Y	—	NQ	2017-1496	CASA-17-132323	GELC
R-43 S1	903.9	02/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	25.1	—	—	1	µg/L	Y	—	NQ	2017-1011	CASA-17-129340	GELC
R-43 S1	903.9	11/14/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	23.2	—	—	1	µg/L	Y	—	NQ	2017-454	CASA-17-127294	GELC
R-43 S1	903.9	08/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	24.3	—	—	1	µg/L	Y	—	NQ	2016-1874	CASA-16-124346	GELC
R-43 S1	903.9	05/12/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	24.7	—	—	1	µg/L	Y	—	NQ	2016-1211	CASA-16-115492	GELC
R-43 S1	903.9	02/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	24	—	—	1	µg/L	Y	—	NQ	2016-753	CASA-16-110067	GELC
R-43 S1	903.9	02/16/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	24.1	—	—	1	µg/L	Y	—	NQ	2016-753	CASA-16-110053	GELC
R-43 S1	903.9	11/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	16.3	—	—	15	µg/L	Y	J	J	2018-854	CASA-18-147993	GELC
R-43 S1	903.9	05/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	16	—	—	15	µg/L	Y	J	J	2017-1496	CASA-17-132323	GELC
R-43 S1	903.9	02/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	15.2	—	—	15	µg/L	Y	J	J	2017-1011	CASA-17-129340	GELC
R-43 S1	903.9	11/14/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	16.2	—	—	15	µg/L	Y	J	J	2017-454	CASA-17-127294	GELC
R-43 S1	903.9	08/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	50	—	—	15	µg/L	Y	U	U	2016-1874	CASA-16-124346	GELC
R-43 S1	903.9	05/12/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	50	—	—	15	µg/L	Y	U	U	2016-1211	CASA-16-115492	GELC
R-43 S1	903.9	02/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	18.2	—	—	15	µg/L	Y	J	J	2016-753	CASA-16-110067	GELC
R-43 S1	903.9	02/16/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	Y	16.9	—	—	15	µg/L	Y	J	J	2016-753	CASA-16-110053	GELC
R-43 S1	903.9	11/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0913	—	—	0.067	mg/L	Y	J	J	2018-854	CASA-18-147993	GELC
R-43 S1	903.9	08/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0965	—	—	0.067	mg/L	Y	J	J	2017-2427	CASA-17-142776	GELC
R-43 S1	903.9	05/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0876	—	—	0.067	mg/L	Y	J	J	2017-1496	CASA-17-132323	GELC
R-43 S1	903.9	02/13/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0981	—	—	0.067	mg/L	Y	J	J	2017-1011	CASA-17-129340	GELC
R-43 S1	903.9	11/14/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.107	—	—	0.067	mg/L	Y	J	J	2017-454	CASA-17-127294	GELC
R-43 S1	903.9	08/02/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0992	—	—	0.067	mg/L	Y	J	J	2016-1874	CASA-16-124346	GELC
R-43 S1	903.9	05/12/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.106	—	—	0.067	mg/L	Y	J	J	2016-1211	CASA-16-115492	GELC
R-43 S1	903.9	02/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0961	—	—	0.067	mg/L	Y	J	J	2016-753	CASA-16-110067	GELC
R-43 S1	903.9	02/16/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.108	—	—	0.067	mg/L	Y	J	J	2016-753	CASA-16-110053	GELC
R-43 S1	903.9	11/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	20.5	—	—	0.05	mg/L	Y	—	NQ	2018-854	CASA-18-147993	GELC
R-43 S1	903.9	08/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	19.1	—	—	0.05	mg/L	Y	—	NQ	2017-2427	CASA-17-142776	GELC
R-43 S1	903.9	05/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	18.4	—	—	0.05	mg/L	Y	—	NQ	2017-1496	CASA-17-132323	GELC
R-43 S1	903.9	02/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	21	—	—	0.05	mg/L	Y	—	NQ	2017-1011	CASA-17-129340	GELC
R-43 S1	903.9	11/14/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	19.1	—	—	0.05	mg/L	Y	—	NQ	2017-454	CASA-17-127294	GELC
R-43 S1	903.9	08/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	20.3	—	—	0.05	mg/L	Y	—	NQ	2016-1874	CASA-16-124346	GELC
R-43 S1	903.9	05/12/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	20	—	—	0.05	mg/L	Y	—	NQ	2016-1211	CASA-16-115492	GELC
R-43 S1	903.9	02/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	19.2	—	—	0.05	mg/L	Y	—	NQ	2016-753	CASA-16-110067	GELC
R-43 S1	903.9	02/16/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	19	—	—	0.05	mg/L	Y	—	NQ	2016-753	CASA-16-110053	GELC
R-43 S1	903.9	11/09/17	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.54	1.48	5.9	—	pCi/L	Y	U	U	2018-854	CASA-18-148000	GELC
R-43 S1	903.9	11/18/15	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.403	1.69	5.59	—	pCi/L	Y	U	U	2016-375	CASA-16-106244	GELC
R-43 S1	903.9	11/21/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.89	1.72	5.7	—	pCi/L	Y	U	U	2015-415	CASA-15-90253	GELC
R-43 S1	903.9	11/07/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.677	1.4	5.02	—	pCi/L	Y	U	U	2013-286	CASA-13-24213	GELC
R-43 S1	903.9	08/14/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.871	1.26	4.49	—	pCi/L	Y	U	U	12-1496	CASA-12-21644	GELC
R-43 S1	903.9	11/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	8.28	—	—	0.067	mg/L	Y	—	NQ	2018-854	CASA-18-147993	GELC
R-43 S1	903.9	08/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	8.37	—	—	0.067	mg/L	Y	—	NQ	2017-2427	CASA-17-142776	GELC
R-43 S1	903.9	05/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	9.39	—	—	0.067	mg/L	Y	—	NQ	2017-1496	CASA-17-132323	GELC
R-43 S1	903.9	02/13/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	8.27	—	—	0.067	mg/L	Y	—	NQ	2017-1011	CASA-17-129340	GELC
R-43 S1	903.9	11/14/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	8.35	—	—	0.067	mg/L	Y	—	NQ	2017-454	CASA-17-127294	GELC
R-43 S1	903.9	08/02/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	8.38	—	—	0.067	mg/L	Y	—	J	2016-1874	CASA-16-124346	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-43 S1	903.9	05/12/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	8.84	—	—	0.067	mg/L	Y	—	NQ	2016-1211	CASA-16-115492	GELC
R-43 S1	903.9	02/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	8.4	—	—	0.067	mg/L	Y	—	NQ	2016-753	CASA-16-110067	GELC
R-43 S1	903.9	02/16/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	8.43	—	—	0.067	mg/L	Y	—	NQ	2016-753	CASA-16-110053	GELC
R-43 S1	903.9	11/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	178	—	—	3	µg/L	Y	—	NQ	2018-854	CASA-18-147993	GELC
R-43 S1	903.9	08/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	176	—	—	3	µg/L	Y	—	NQ	2017-2427	CASA-17-142776	GELC
R-43 S1	903.9	05/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	172	—	—	15	µg/L	Y	—	NQ	2017-1496	CASA-17-132323	GELC
R-43 S1	903.9	02/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	173	—	—	3	µg/L	Y	—	NQ	2017-1011	CASA-17-129340	GELC
R-43 S1	903.9	11/14/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	167	—	—	3	µg/L	Y	—	NQ	2017-454	CASA-17-127294	GELC
R-43 S1	903.9	08/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	160	—	—	2	µg/L	Y	—	NQ	2016-1874	CASA-16-124346	GELC
R-43 S1	903.9	05/12/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	156	—	—	2	µg/L	Y	—	J	2016-1211	CASA-16-115492	GELC
R-43 S1	903.9	02/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	153	—	—	2	µg/L	Y	—	J	2016-753	CASA-16-110067	GELC
R-43 S1	903.9	02/16/16	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	155	—	—	2	µg/L	Y	—	J	2016-753	CASA-16-110053	GELC
R-43 S1	903.9	08/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	0.92	—	—	—	%	Y	—	NQ	2017-2464	CASA-17-142776	UIL
R-43 S1	903.9	05/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	0.85	—	—	—	%	Y	—	NQ	2017-2466	CASA-17-132323	UIL
R-43 S1	903.9	02/13/17	WG	F	REP	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	0.92	—	—	—	%	Y	—	NQ	2017-1392	CASA-17-129340	UIL
R-43 S1	903.9	02/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	0.75	—	—	—	%	N	—	NQ	2017-1392	CASA-17-129340	UIL
R-43 S1	903.9	11/14/16	WG	F	REP	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	0.87	—	—	—	%	N	—	NQ	2017-649	CASA-17-127294	UIL
R-43 S1	903.9	11/14/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	0.91	—	—	—	%	Y	—	NQ	2017-649	CASA-17-127294	UIL
R-43 S1	903.9	08/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	0.88	—	—	—	%	Y	—	NQ	2017-26	CASA-16-124346	UIL
R-43 S1	903.9	05/12/16	WG	F	REP	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	0.93	—	—	—	%	Y	—	NQ	2016-1263	CASA-16-115492	UIL
R-43 S1	903.9	05/12/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	0.91	—	—	—	%	N	—	NQ	2016-1263	CASA-16-115492	UIL
R-43 S1	903.9	02/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	0.91	—	—	—	%	Y	—	NQ	2016-1023	CASA-16-110067	UIL
R-43 S1	903.9	02/16/16	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	0.85	—	—	—	%	Y	—	NQ	2016-1023	CASA-16-110053	UIL
R-43 S1	903.9	11/09/17	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.38	1.21	5.7	—	pCi/L	Y	U	U	2018-854	CASA-18-148000	GELC
R-43 S1	903.9	11/18/15	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.303	1.35	5.5	—	pCi/L	Y	U	U	2016-375	CASA-16-106244	GELC
R-43 S1	903.9	11/21/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.66	1.43	4.92	—	pCi/L	Y	U	U	2015-415	CASA-15-90253	GELC
R-43 S1	903.9	11/07/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.33	1.29	5.62	—	pCi/L	Y	U	U	2013-286	CASA-13-24213	GELC
R-43 S1	903.9	08/14/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	3.42	1.19	5.6	—	pCi/L	Y	U	U	12-1496	CASA-12-21644	GELC
R-43 S1	903.9	11/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.27	—	—	0.033	mg/L	Y	—	NQ	2018-854	CASA-18-147993	GELC
R-43 S1	903.9	08/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.281	—	—	0.033	mg/L	Y	—	NQ	2017-2427	CASA-17-142776	GELC
R-43 S1	903.9	05/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.362	—	—	0.033	mg/L	Y	—	NQ	2017-1496	CASA-17-132323	GELC
R-43 S1	903.9	02/13/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.297	—	—	0.033	mg/L	Y	—	NQ	2017-1011	CASA-17-129340	GELC
R-43 S1	903.9	11/14/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.302	—	—	0.033	mg/L	Y	—	NQ	2017-454	CASA-17-127294	GELC
R-43 S1	903.9	08/02/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.303	—	—	0.033	mg/L	Y	—	J	2016-1874	CASA-16-124346	GELC
R-43 S1	903.9	05/12/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.297	—	—	0.033	mg/L	Y	—	NQ	2016-1211	CASA-16-115492	GELC
R-43 S1	903.9	02/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.305	—	—	0.033	mg/L	Y	—	NQ	2016-753	CASA-16-110067	GELC
R-43 S1	903.9	02/16/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.298	—	—	0.033	mg/L	Y	—	NQ	2016-753	CASA-16-110053	GELC
R-43 S1	903.9	11/09/17	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-1.22	0.662	2.93	—	pCi/L	Y	U	U	2018-854	CASA-18-148000	GELC
R-43 S1	903.9	11/18/15	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.588	0.573	2.88	—	pCi/L	Y	U	U	2016-375	CASA-16-106244	GELC
R-43 S1	903.9	11/21/14	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.419	0.263	1.03	—	pCi/L	Y	U	U	2015-415	CASA-15-90253	GELC
R-43 S1	903.9	11/07/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.307	0.743	2.87	—	pCi/L	Y	U	U	2013-286	CASA-13-24213	GELC
R-43 S1	903.9	08/14/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.248	0.295	2.08	—	pCi/L	Y	U	U	12-1496	CASA-12-21644	GELC
R-43 S1	903.9	11/09/17	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	-0.709	0.502	2.15	—	pCi/L	Y	U	U	2018-854	CASA-18-148000	GELC
R-43 S1	903.9	11/18/15	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.41	0.937	2.86	—	pCi/L	Y	U	U	2016-375	CASA-16-106244	GELC
R-43 S1	903.9	11/21/14	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.306	0.801	2.88	—	pCi/L	Y	U	U	2015-415	CASA-15-90253	GELC
R-43 S1	903.9	11/07/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.317	0.738	2.68	—	pCi/L	Y	U	U	2013-286	CASA-13-24213	GELC
R-43 S1	903.9	08/14/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.19	0.717	2.37	—	pCi/L	Y	U	U	12-1496	CASA-12-21644	GELC
R-43 S1	903.9	11/09/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	69.8	—	—	0.453	mg/L	Y	—	NQ	2018-854	CASA-18-147993	GELC
R-43 S1	903.9	08/09/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	64.7	—	—	0.453	mg/L	Y	—	NQ	2017-2427	CASA-17-142776	GELC
R-43 S1	903.9	05/08/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	62.3	—	—	0.453	mg/L	Y	—	NQ	2017-1496	CASA-17-132323	GELC
R-43 S1	903.9	02/13/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	71.7	—	—	0.453	mg/L	Y	—	NQ	2017-1011	CASA-17-129340	GELC
R-43 S1	903.9	11/14/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	65	—	—	0.453	mg/L	Y	—	NQ	2017-454	CASA-17-127294	GELC
R-43 S1	903.9	08/02/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	68.4	—	—	0.453	mg/L	Y	—	NQ	2016-1874	CASA-16-124346	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-43 S1	903.9	05/12/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	67.7	—	—	0.453	mg/L	Y	—	NQ	2016-1211	CASA-16-115492	GELC
R-43 S1	903.9	02/16/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	65.9	—	—	0.453	mg/L	Y	—	NQ	2016-753	CASA-16-110067	GELC
R-43 S1	903.9	02/16/16	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	65.2	—	—	0.453	mg/L	Y	—	NQ	2016-753	CASA-16-110053	GELC
R-43 S1	903.9	11/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.51	—	—	0.11	mg/L	Y	—	NQ	2018-854	CASA-18-147993	GELC
R-43 S1	903.9	08/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.1	—	—	0.11	mg/L	Y	—	NQ	2017-2427	CASA-17-142776	GELC
R-43 S1	903.9	05/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.97	—	—	0.11	mg/L	Y	—	NQ	2017-1496	CASA-17-132323	GELC
R-43 S1	903.9	02/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.68	—	—	0.11	mg/L	Y	—	NQ	2017-1011	CASA-17-129340	GELC
R-43 S1	903.9	11/14/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.18	—	—	0.11	mg/L	Y	—	NQ	2017-454	CASA-17-127294	GELC
R-43 S1	903.9	08/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.3	—	—	0.11	mg/L	Y	—	NQ	2016-1874	CASA-16-124346	GELC
R-43 S1	903.9	05/12/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.29	—	—	0.11	mg/L	Y	—	NQ	2016-1211	CASA-16-115492	GELC
R-43 S1	903.9	02/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.33	—	—	0.11	mg/L	Y	—	NQ	2016-753	CASA-16-110067	GELC
R-43 S1	903.9	02/16/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.31	—	—	0.11	mg/L	Y	—	NQ	2016-753	CASA-16-110053	GELC
R-43 S1	903.9	11/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.22	—	—	0.2	µg/L	Y	—	NQ	2018-854	CASA-18-147993	GELC
R-43 S1	903.9	08/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.23	—	—	0.2	µg/L	Y	—	NQ	2017-2427	CASA-17-142776	GELC
R-43 S1	903.9	05/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.18	—	—	0.2	µg/L	Y	—	NQ	2017-1496	CASA-17-132323	GELC
R-43 S1	903.9	02/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.13	—	—	0.3	µg/L	Y	—	NQ	2017-1011	CASA-17-129340	GELC
R-43 S1	903.9	11/14/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.31	—	—	0.3	µg/L	Y	—	NQ	2017-454	CASA-17-127294	GELC
R-43 S1	903.9	08/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.24	—	—	0.165	µg/L	Y	—	J	2016-1874	CASA-16-124346	GELC
R-43 S1	903.9	05/12/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.31	—	—	0.165	µg/L	Y	—	NQ	2016-1211	CASA-16-115492	GELC
R-43 S1	903.9	02/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.39	—	—	0.165	µg/L	Y	—	NQ	2016-753	CASA-16-110067	GELC
R-43 S1	903.9	02/16/16	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.3	—	—	0.165	µg/L	Y	—	NQ	2016-753	CASA-16-110053	GELC
R-43 S1	903.9	11/09/17	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.83	2.62	9.8	—	pCi/L	Y	U	U	2018-854	CASA-18-148000	GELC
R-43 S1	903.9	11/18/15	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.258	3.05	10.9	—	pCi/L	Y	U	U	2016-375	CASA-16-106244	GELC
R-43 S1	903.9	11/21/14	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.57	3.18	10.8	—	pCi/L	Y	U	U	2015-415	CASA-15-90253	GELC
R-43 S1	903.9	11/07/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-5.83	2.78	8.94	—	pCi/L	Y	U	U	2013-286	CASA-13-24213	GELC
R-43 S1	903.9	08/14/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.0705	2.61	9.25	—	pCi/L	Y	U	U	12-1496	CASA-12-21644	GELC
R-43 S1	903.9	11/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	5.83	—	—	0.6	µg/L	Y	—	NQ	2018-854	CASA-18-147993	GELC
R-43 S1	903.9	08/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	7.25	—	—	0.6	µg/L	Y	—	NQ	2017-2427	CASA-17-142776	GELC
R-43 S1	903.9	05/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	5.95	—	—	0.6	µg/L	Y	—	NQ	2017-1496	CASA-17-132323	GELC
R-43 S1	903.9	02/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	9.97	—	—	0.5	µg/L	Y	—	NQ	2017-1011	CASA-17-129340	GELC
R-43 S1	903.9	11/14/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	7.01	—	—	0.5	µg/L	Y	—	NQ	2017-454	CASA-17-127294	GELC
R-43 S1	903.9	08/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	9.57	—	—	0.5	µg/L	Y	—	NQ	2016-1874	CASA-16-124346	GELC
R-43 S1	903.9	05/12/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.39	—	—	0.5	µg/L	Y	J	J	2016-1211	CASA-16-115492	GELC
R-43 S1	903.9	02/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.35	—	—	0.5	µg/L	Y	J	J	2016-753	CASA-16-110067	GELC
R-43 S1	903.9	02/16/16	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.38	—	—	0.5	µg/L	Y	J	J	2016-753	CASA-16-110053	GELC
R-43 S1	903.9	11/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.43	—	—	0.17	mg/L	Y	—	NQ	2018-854	CASA-18-147993	GELC
R-43 S1	903.9	08/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	4.9	—	—	0.085	mg/L	Y	—	NQ	2017-2427	CASA-17-142776	GELC
R-43 S1	903.9	05/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	4.98	—	—	0.425	mg/L	Y	—	NQ	2017-1496	CASA-17-132323	GELC
R-43 S1	903.9	02/13/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.74	—	—	0.17	mg/L	Y	—	NQ	2017-1011	CASA-17-129340	GELC
R-43 S1	903.9	11/14/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.19	—	—	0.17	mg/L	Y	—	NQ	2017-454	CASA-17-127294	GELC
R-43 S1	903.9	08/02/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.04	—	—	0.17	mg/L	Y	—	NQ	2016-1874	CASA-16-124346	GELC
R-43 S1	903.9	05/12/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.46	—	—	0.17	mg/L	Y	—	NQ	2016-1211	CASA-16-115492	GELC
R-43 S1	903.9	02/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	6.15	—	—	0.17	mg/L	Y	—	NQ	2016-753	CASA-16-110067	GELC
R-43 S1	903.9	02/16/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.89	—	—	0.17	mg/L	Y	—	NQ	2016-753	CASA-16-110053	GELC
R-43 S1	903.9	11/09/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.847	—	—	0.05	µg/L	Y	—	NQ	2018-854	CASA-18-147993	GELC
R-43 S1	903.9	08/09/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.897	—	—	0.05	µg/L	Y	—	NQ	2017-2427	CASA-17-142776	GELC
R-43 S1	903.9	05/08/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.878	—	—	0.05	µg/L	Y	—	NQ	2017-1496	CASA-17-132323	GELC
R-43 S1	903.9	02/13/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.949	—	—	0.05	µg/L	Y	—	NQ	2017-1011	CASA-17-129340	GELC
R-43 S1	903.9	11/14/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.885	—	—	0.05	µg/L	Y	—	NQ	2017-454	CASA-17-127294	GELC
R-43 S1	903.9	08/02/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.991	—	—	0.1	µg/L	Y	—	NQ	2016-1874	CASA-16-124346	GELC
R-43 S1	903.9	05/12/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.924	—	—	0.05	µg/L	Y	—	NQ	2016-1211	CASA-16-115492	GELC
R-43 S1	903.9	02/16/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	1.03	—	—	0.1	µg/L	Y	—	NQ	2016-753	CASA-16-110067	GELC
R-43 S1	903.9	02/16/16	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.938	—	—	0.1	µg/L	Y	—	NQ	2016-753	CASA-16-110053	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-43 S1	903.9	11/09/17	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0173	0.0106	0.0639	—	pCi/L	Y	U	U	2018-854	CASA-18-148000	GELC
R-43 S1	903.9	11/18/15	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00189	0.00567	0.0221	—	pCi/L	Y	U	U	2016-375	CASA-16-106244	GELC
R-43 S1	903.9	11/21/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00425	0.00425	0.0285	—	pCi/L	Y	U	U	2015-415	CASA-15-90253	GELC
R-43 S1	903.9	11/07/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.0038	0.0276	—	pCi/L	Y	U	U	2013-286	CASA-13-24213	GELC
R-43 S1	903.9	08/14/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.00486	0.0134	—	pCi/L	Y	U	U	12-1496	CASA-12-21644	GELC
R-43 S1	903.9	11/09/17	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00867	0.00867	0.0914	—	pCi/L	Y	U	U	2018-854	CASA-18-148000	GELC
R-43 S1	903.9	11/18/15	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00944	0.005	0.0425	—	pCi/L	Y	U	U	2016-375	CASA-16-106244	GELC
R-43 S1	903.9	11/21/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00425	0.00425	0.0421	—	pCi/L	Y	U	U	2015-415	CASA-15-90253	GELC
R-43 S1	903.9	11/07/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00467	0.00504	0.0456	—	pCi/L	Y	U	U	2013-286	CASA-13-24213	GELC
R-43 S1	903.9	08/14/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00198	0.00525	0.0239	—	pCi/L	Y	U	U	12-1496	CASA-12-21644	GELC
R-43 S1	903.9	11/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.66	—	—	0.05	mg/L	Y	—	NQ	2018-854	CASA-18-147993	GELC
R-43 S1	903.9	08/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.4	—	—	0.05	mg/L	Y	—	NQ	2017-2427	CASA-17-142776	GELC
R-43 S1	903.9	05/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.42	—	—	0.05	mg/L	Y	—	NQ	2017-1496	CASA-17-132323	GELC
R-43 S1	903.9	02/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.58	—	—	0.05	mg/L	Y	—	NQ	2017-1011	CASA-17-129340	GELC
R-43 S1	903.9	11/14/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.6	—	—	0.05	mg/L	Y	—	NQ	2017-454	CASA-17-127294	GELC
R-43 S1	903.9	08/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.67	—	—	0.05	mg/L	Y	—	NQ	2016-1874	CASA-16-124346	GELC
R-43 S1	903.9	05/12/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.28	—	—	0.05	mg/L	Y	—	NQ	2016-1211	CASA-16-115492	GELC
R-43 S1	903.9	02/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.24	—	—	0.05	mg/L	Y	—	NQ	2016-753	CASA-16-110067	GELC
R-43 S1	903.9	02/16/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	1.2	—	—	0.05	mg/L	Y	—	NQ	2016-753	CASA-16-110053	GELC
R-43 S1	903.9	11/09/17	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-4.91	19.6	75.7	—	pCi/L	Y	U	U	2018-854	CASA-18-148000	GELC
R-43 S1	903.9	11/18/15	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	11.8	24.2	47	—	pCi/L	Y	U	U	2016-375	CASA-16-106244	GELC
R-43 S1	903.9	11/21/14	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-26.9	16	57.9	—	pCi/L	Y	U	U	2015-415	CASA-15-90253	GELC
R-43 S1	903.9	11/07/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-8.92	17.2	63.5	—	pCi/L	Y	U	U	2013-286	CASA-13-24213	GELC
R-43 S1	903.9	08/14/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	22	15.3	64.1	—	pCi/L	Y	U	U	12-1496	CASA-12-21644	GELC
R-43 S1	903.9	11/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	Y	2.12	—	—	2	µg/L	Y	J	J	2018-854	CASA-18-147993	GELC
R-43 S1	903.9	08/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2	—	—	2	µg/L	Y	U	U	2017-2427	CASA-17-142776	GELC
R-43 S1	903.9	05/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	5	—	—	2	µg/L	Y	U	U	2017-1496	CASA-17-132323	GELC
R-43 S1	903.9	02/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	5	—	—	2	µg/L	Y	U	U	2017-1011	CASA-17-129340	GELC
R-43 S1	903.9	11/14/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	5	—	—	2	µg/L	Y	U	U	2017-454	CASA-17-127294	GELC
R-43 S1	903.9	11/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.1	—	—	0.053	mg/L	Y	—	NQ	2018-854	CASA-18-147993	GELC
R-43 S1	903.9	08/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	70	—	—	0.053	mg/L	Y	—	NQ	2017-2427	CASA-17-142776	GELC
R-43 S1	903.9	05/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.4	—	—	0.053	mg/L	Y	—	NQ	2017-1496	CASA-17-132323	GELC
R-43 S1	903.9	02/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	75.1	—	—	0.053	mg/L	Y	—	NQ	2017-1011	CASA-17-129340	GELC
R-43 S1	903.9	11/14/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.9	—	—	0.053	mg/L	Y	—	NQ	2017-454	CASA-17-127294	GELC
R-43 S1	903.9	08/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.1	—	—	0.053	mg/L	Y	—	NQ	2016-1874	CASA-16-124346	GELC
R-43 S1	903.9	05/12/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	75.9	—	—	0.053	mg/L	Y	—	NQ	2016-1211	CASA-16-115492	GELC
R-43 S1	903.9	02/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.6	—	—	0.053	mg/L	Y	—	NQ	2016-753	CASA-16-110067	GELC
R-43 S1	903.9	02/16/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.2	—	—	0.053	mg/L	Y	—	NQ	2016-753	CASA-16-110053	GELC
R-43 S1	903.9	11/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.6	—	—	0.1	mg/L	Y	—	NQ	2018-854	CASA-18-147993	GELC
R-43 S1	903.9	08/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.2	—	—	0.1	mg/L	Y	E	NQ	2017-2427	CASA-17-142776	GELC
R-43 S1	903.9	05/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.9	—	—	0.1	mg/L	Y	—	NQ	2017-1496	CASA-17-132323	GELC
R-43 S1	903.9	02/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.76	—	—	0.1	mg/L	Y	—	NQ	2017-1011	CASA-17-129340	GELC
R-43 S1	903.9	11/14/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.1	—	—	0.1	mg/L	Y	N	J-	2017-454	CASA-17-127294	GELC
R-43 S1	903.9	08/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.7	—	—	0.1	mg/L	Y	—	NQ	2016-1874	CASA-16-124346	GELC
R-43 S1	903.9	05/12/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.5	—	—	0.1	mg/L	Y	—	NQ	2016-1211	CASA-16-115492	GELC
R-43 S1	903.9	02/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.5	—	—	0.1	mg/L	Y	—	NQ	2016-753	CASA-16-110067	GELC
R-43 S1	903.9	02/16/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.6	—	—	0.1	mg/L	Y	—	NQ	2016-753	CASA-16-110053	GELC
R-43 S1	903.9	11/09/17	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	3.07	1.46	5.21	—	pCi/L	Y	U	U	2018-854	CASA-18-148000	GELC
R-43 S1	903.9	11/18/15	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.34	1.39	5.61	—	pCi/L	Y	U	U	2016-375	CASA-16-106244	GELC
R-43 S1	903.9	11/21/14	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.976	1.52	5.57	—	pCi/L	Y	U	U	2015-415	CASA-15-90253	GELC
R-43 S1	903.9	11/07/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.44	0.927	3.12	—	pCi/L	Y	U	U	2013-286	CASA-13-24213	GELC
R-43 S1	903.9	08/14/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.34	1.29	4.23	—	pCi/L	Y	U	U	12-1496	CASA-12-21644	GELC
R-43 S1	903.9	11/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	205	—	—	1	µS/cm	Y	—	NQ	2018-854	CASA-18-147993	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-43 S1	903.9	08/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	223	—	—	1	µS/cm	Y	—	NQ	2017-2427	CASA-17-142776	GELC
R-43 S1	903.9	05/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	205	—	—	1	µS/cm	Y	—	NQ	2017-1496	CASA-17-132323	GELC
R-43 S1	903.9	02/13/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	194	—	—	1	µS/cm	Y	—	NQ	2017-1011	CASA-17-129340	GELC
R-43 S1	903.9	11/14/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	195	—	—	1	µS/cm	Y	—	NQ	2017-454	CASA-17-127294	GELC
R-43 S1	903.9	08/02/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	182	—	—	3.63	µS/cm	Y	—	NQ	2016-1874	CASA-16-124346	GELC
R-43 S1	903.9	05/12/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	202	—	—	3.63	µS/cm	Y	—	NQ	2016-1211	CASA-16-115492	GELC
R-43 S1	903.9	02/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	216	—	—	1	µS/cm	Y	—	NQ	2016-753	CASA-16-110067	GELC
R-43 S1	903.9	02/16/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	214	—	—	1	µS/cm	Y	—	NQ	2016-753	CASA-16-110053	GELC
R-43 S1	903.9	11/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	76.1	—	—	1	µg/L	Y	—	NQ	2018-854	CASA-18-147993	GELC
R-43 S1	903.9	08/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	72.9	—	—	1	µg/L	Y	—	NQ	2017-2427	CASA-17-142776	GELC
R-43 S1	903.9	05/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	77.6	—	—	1	µg/L	Y	—	NQ	2017-1496	CASA-17-132323	GELC
R-43 S1	903.9	02/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	74.3	—	—	1	µg/L	Y	—	NQ	2017-1011	CASA-17-129340	GELC
R-43 S1	903.9	11/14/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	69.9	—	—	1	µg/L	Y	—	NQ	2017-454	CASA-17-127294	GELC
R-43 S1	903.9	08/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	76.5	—	—	1	µg/L	Y	—	NQ	2016-1874	CASA-16-124346	GELC
R-43 S1	903.9	05/12/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	73.8	—	—	1	µg/L	Y	—	NQ	2016-1211	CASA-16-115492	GELC
R-43 S1	903.9	02/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	64.8	—	—	1	µg/L	Y	—	NQ	2016-753	CASA-16-110067	GELC
R-43 S1	903.9	02/16/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	63.3	—	—	1	µg/L	Y	—	NQ	2016-753	CASA-16-110053	GELC
R-43 S1	903.9	11/09/17	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.13	0.129	0.494	—	pCi/L	Y	U	U	2018-854	CASA-18-148000	GELC
R-43 S1	903.9	11/18/15	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.142	0.139	0.481	—	pCi/L	Y	U	U	2016-375	CASA-16-106244	GELC
R-43 S1	903.9	11/21/14	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0696	0.125	0.48	—	pCi/L	Y	U	U	2015-415	CASA-15-90253	GELC
R-43 S1	903.9	11/07/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0196	0.115	0.442	—	pCi/L	Y	U	U	2013-286	CASA-13-24213	GELC
R-43 S1	903.9	08/14/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0796	0.146	0.494	—	pCi/L	Y	U	U	12-1496	CASA-12-21644	GELC
R-43 S1	903.9	11/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	17.1	—	—	0.133	mg/L	Y	—	NQ	2018-854	CASA-18-147993	GELC
R-43 S1	903.9	08/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	17.1	—	—	0.133	mg/L	Y	—	NQ	2017-2427	CASA-17-142776	GELC
R-43 S1	903.9	05/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	19	—	—	0.133	mg/L	Y	—	NQ	2017-1496	CASA-17-132323	GELC
R-43 S1	903.9	02/13/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	16.4	—	—	0.133	mg/L	Y	—	NQ	2017-1011	CASA-17-129340	GELC
R-43 S1	903.9	11/14/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	16.6	—	—	0.133	mg/L	Y	—	NQ	2017-454	CASA-17-127294	GELC
R-43 S1	903.9	08/02/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	16.5	—	—	0.133	mg/L	Y	—	NQ	2016-1874	CASA-16-124346	GELC
R-43 S1	903.9	05/12/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	17.3	—	—	0.133	mg/L	Y	—	NQ	2016-1211	CASA-16-115492	GELC
R-43 S1	903.9	02/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	16.2	—	—	0.133	mg/L	Y	—	NQ	2016-753	CASA-16-110067	GELC
R-43 S1	903.9	02/16/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	16.3	—	—	0.133	mg/L	Y	—	NQ	2016-753	CASA-16-110053	GELC
R-43 S1	903.9	11/09/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-854	CASA-18-147993	GELC
R-43 S1	903.9	11/09/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-854	CASA-18-148000	GELC
R-43 S1	903.9	08/09/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	2017-2427	CASA-17-142018	GELC
R-43 S1	903.9	08/09/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	2017-2427	CASA-17-142776	GELC
R-43 S1	903.9	05/08/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	2017-1496	CASA-17-132323	GELC
R-43 S1	903.9	05/08/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	2017-1496	CASA-17-132332	GELC
R-43 S1	903.9	11/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	157	—	—	3.4	mg/L	Y	—	NQ	2018-854	CASA-18-147993	GELC
R-43 S1	903.9	08/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	187	—	—	3.4	mg/L	Y	—	NQ	2017-2427	CASA-17-142776	GELC
R-43 S1	903.9	05/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	190	—	—	3.4	mg/L	Y	—	NQ	2017-1496	CASA-17-132323	GELC
R-43 S1	903.9	02/13/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	154	—	—	3.4	mg/L	Y	—	NQ	2017-1011	CASA-17-129340	GELC
R-43 S1	903.9	11/14/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	170	—	—	3.4	mg/L	Y	—	NQ	2017-454	CASA-17-127294	GELC
R-43 S1	903.9	08/02/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	183	—	—	3.4	mg/L	Y	—	NQ	2016-1874	CASA-16-124346	GELC
R-43 S1	903.9	05/12/16	WG	F	RE	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	194	—	—	3.4	mg/L	N	H	NQ	2016-1211	CASA-16-115492	GELC
R-43 S1	903.9	05/12/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	250	—	—	3.4	mg/L	Y	—	NQ	2016-1211	CASA-16-115492	GELC
R-43 S1	903.9	02/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	234	—	—	3.4	mg/L	Y	—	NQ	2016-753	CASA-16-110067	GELC
R-43 S1	903.9	02/16/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	234	—	—	3.4	mg/L	Y	—	NQ	2016-753	CASA-16-110053	GELC
R-43 S1	903.9	08/09/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.113	—	—	0.033	mg/L	Y	—	NQ	2017-2427	CASA-17-142018	GELC
R-43 S1	903.9	05/08/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.13	—	—	0.033	mg/L	Y	—	NQ	2017-1496	CASA-17-132332	GELC
R-43 S1	903.9	02/13/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.095	—	—	0.033	mg/L	Y	J	J	2017-1011	CASA-17-129334	GELC
R-43 S1	903.9	11/14/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2017-454	CASA-17-127275	GELC
R-43 S1	903.9	08/02/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	UJ	2016-1874	CASA-16-124330	GELC
R-43 S1	903.9	05/12/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2016-1211	CASA-16-115483	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-43 S1	903.9	02/16/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.102	—	—	0.033	mg/L	Y	—	NQ	2016-753	CASA-16-110058	GELC
R-43 S1	903.9	02/16/16	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0392	—	—	0.033	mg/L	Y	J	J	2016-753	CASA-16-110052	GELC
R-43 S1	903.9	11/09/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.657	—	—	0.33	mg/L	Y	J	J	2018-854	CASA-18-148000	GELC
R-43 S1	903.9	08/09/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.488	—	—	0.33	mg/L	Y	J	J	2017-2427	CASA-17-142018	GELC
R-43 S1	903.9	05/08/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.702	—	—	0.33	mg/L	Y	J	J	2017-1496	CASA-17-132332	GELC
R-43 S1	903.9	02/13/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.726	—	—	0.33	mg/L	Y	J	J	2017-1011	CASA-17-129334	GELC
R-43 S1	903.9	11/14/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.671	—	—	0.33	mg/L	Y	J	J	2017-454	CASA-17-127275	GELC
R-43 S1	903.9	08/02/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.628	—	—	0.33	mg/L	Y	J	J	2016-1874	CASA-16-124330	GELC
R-43 S1	903.9	05/12/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.627	—	—	0.33	mg/L	Y	J	J	2016-1211	CASA-16-115483	GELC
R-43 S1	903.9	02/16/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.756	—	—	0.33	mg/L	Y	J	J	2016-753	CASA-16-110058	GELC
R-43 S1	903.9	02/16/16	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.771	—	—	0.33	mg/L	Y	J	J	2016-753	CASA-16-110052	GELC
R-43 S1	903.9	11/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0525	—	—	0.02	mg/L	Y	—	NQ	2018-854	CASA-18-147993	GELC
R-43 S1	903.9	05/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0379	—	—	0.02	mg/L	Y	J	J	2017-1496	CASA-17-132323	GELC
R-43 S1	903.9	02/13/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.149	—	—	0.02	mg/L	Y	—	NQ	2017-1011	CASA-17-129340	GELC
R-43 S1	903.9	11/14/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0273	—	—	0.02	mg/L	Y	J	J	2017-454	CASA-17-127294	GELC
R-43 S1	903.9	08/02/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.027	—	—	0.02	mg/L	Y	J	J	2016-1874	CASA-16-124346	GELC
R-43 S1	903.9	05/12/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0327	—	—	0.02	mg/L	Y	J	J	2016-1211	CASA-16-115492	GELC
R-43 S1	903.9	02/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0413	—	—	0.017	mg/L	Y	J	J	2016-753	CASA-16-110067	GELC
R-43 S1	903.9	02/16/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0497	—	—	0.017	mg/L	Y	J	J	2016-753	CASA-16-110053	GELC
R-43 S1	903.9	11/09/17	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.131	0.905	2.944	—	pCi/L	Y	QU	U	2018-932	CASA-18-148000	ARSL
R-43 S1	903.9	11/14/16	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.945	0.684	1.969	—	pCi/L	Y	U	U	2017-494	CASA-17-127275	ARSL
R-43 S1	903.9	11/18/15	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	2.007	0.815	2.438	—	pCi/L	Y	U	U	2016-378	CASA-16-106244	ARSL
R-43 S1	903.9	11/21/14	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.287	0.777	2.47	—	pCi/L	Y	U	U	2015-460	CASA-15-90253	ARSL
R-43 S1	903.9	11/19/13	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.829	0.6	1.941	—	pCi/L	Y	U	U	2014-2522	CASA-14-45708	ARSL
R-43 S1	903.9	11/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.099	—	—	0.067	µg/L	Y	J	J	2018-854	CASA-18-147993	GELC
R-43 S1	903.9	08/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.101	—	—	0.067	µg/L	Y	J	J	2017-2427	CASA-17-142776	GELC
R-43 S1	903.9	05/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.104	—	—	0.067	µg/L	Y	J	J	2017-1496	CASA-17-132323	GELC
R-43 S1	903.9	02/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.102	—	—	0.067	µg/L	Y	J	J	2017-1011	CASA-17-129340	GELC
R-43 S1	903.9	11/14/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.126	—	—	0.067	µg/L	Y	J	J	2017-454	CASA-17-127294	GELC
R-43 S1	903.9	08/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.124	—	—	0.067	µg/L	Y	J	J	2016-1874	CASA-16-124346	GELC
R-43 S1	903.9	05/12/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.127	—	—	0.067	µg/L	Y	J	J	2016-1211	CASA-16-115492	GELC
R-43 S1	903.9	02/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.136	—	—	0.067	µg/L	Y	J	J	2016-753	CASA-16-110067	GELC
R-43 S1	903.9	02/16/16	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.116	—	—	0.067	µg/L	Y	J	J	2016-753	CASA-16-110053	GELC
R-43 S1	903.9	11/09/17	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.187	0.0225	0.119	—	pCi/L	Y	—	NQ	2018-854	CASA-18-148000	GELC
R-43 S1	903.9	11/18/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.112	0.0172	0.0703	—	pCi/L	Y	—	NQ	2016-375	CASA-16-106244	GELC
R-43 S1	903.9	11/21/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.102	0.0157	0.0402	—	pCi/L	Y	—	NQ	2015-415	CASA-15-90253	GELC
R-43 S1	903.9	11/07/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.0741	0.0167	0.0669	—	pCi/L	Y	—	J	2013-286	CASA-13-24213	GELC
R-43 S1	903.9	08/14/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.0962	0.0227	0.0902	—	pCi/L	Y	—	NQ	12-1496	CASA-12-21644	GELC
R-43 S1	903.9	11/09/17	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0386	0.0122	0.0517	—	pCi/L	Y	U	U	2018-854	CASA-18-148000	GELC
R-43 S1	903.9	11/18/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00266	0.00461	0.0613	—	pCi/L	Y	U	U	2016-375	CASA-16-106244	GELC
R-43 S1	903.9	11/21/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0121	0.00642	0.035	—	pCi/L	Y	U	U	2015-415	CASA-15-90253	GELC
R-43 S1	903.9	11/07/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0	0.00476	0.042	—	pCi/L	Y	U	U	2013-286	CASA-13-24213	GELC
R-43 S1	903.9	08/14/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0125	0.00933	0.0582	—	pCi/L	Y	U	U	12-1496	CASA-12-21644	GELC
R-43 S1	903.9	11/09/17	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0528	0.014	0.0699	—	pCi/L	Y	U	U	2018-854	CASA-18-148000	GELC
R-43 S1	903.9	11/18/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0624	0.0124	0.0694	—	pCi/L	Y	U	U	2016-375	CASA-16-106244	GELC
R-43 S1	903.9	11/21/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.049	0.0116	0.0385	—	pCi/L	Y	—	NQ	2015-415	CASA-15-90253	GELC
R-43 S1	903.9	11/07/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.034	0.0114	0.0455	—	pCi/L	Y	U	U	2013-286	CASA-13-24213	GELC
R-43 S1	903.9	08/14/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.054	0.0151	0.0458	—	pCi/L	Y	—	U	12-1496	CASA-12-21644	GELC
R-43 S1	903.9	11/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.39	—	—	1	µg/L	Y	—	NQ	2018-854	CASA-18-147993	GELC
R-43 S1	903.9	08/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.52	—	—	1	µg/L	Y	—	NQ	2017-2427	CASA-17-142776	GELC
R-43 S1	903.9	05/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.74	—	—	1	µg/L	Y	—	NQ	2017-1496	CASA-17-132323	GELC
R-43 S1	903.9	02/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.47	—	—	1	µg/L	Y	—	NQ	2017-1011	CASA-17-129340	GELC
R-43 S1	903.9	11/14/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6	—	—	1	µg/L	Y	—	NQ	2017-454	CASA-17-127294	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-43 S1	903.9	08/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.87	—	—	1	µg/L	Y	—	NQ	2016-1874	CASA-16-124346	GELC
R-43 S1	903.9	05/12/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.2	—	—	1	µg/L	Y	—	NQ	2016-1211	CASA-16-115492	GELC
R-43 S1	903.9	02/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.47	—	—	1	µg/L	Y	—	NQ	2016-753	CASA-16-110067	GELC
R-43 S1	903.9	02/16/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.43	—	—	1	µg/L	Y	—	NQ	2016-753	CASA-16-110053	GELC
R-43 S1	903.9	11/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	8.25	—	—	3.3	µg/L	Y	J	J	2018-854	CASA-18-147993	GELC
R-43 S1	903.9	08/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	10.2	—	—	3.3	µg/L	Y	—	NQ	2017-2427	CASA-17-142776	GELC
R-43 S1	903.9	05/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	4.39	—	—	3.3	µg/L	Y	J	J	2017-1496	CASA-17-132323	GELC
R-43 S1	903.9	02/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	11.6	—	—	3.3	µg/L	Y	—	NQ	2017-1011	CASA-17-129340	GELC
R-43 S1	903.9	11/14/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2017-454	CASA-17-127294	GELC
R-43 S1	903.9	08/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	25.5	—	—	3.3	µg/L	Y	—	NQ	2016-1874	CASA-16-124346	GELC
R-43 S1	903.9	05/12/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2016-1211	CASA-16-115492	GELC
R-43 S1	903.9	02/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2016-753	CASA-16-110067	GELC
R-43 S1	903.9	02/16/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2016-753	CASA-16-110053	GELC
R-43 S2	969.1	11/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.67	—	—	0.01	SU	Y	H	NQ	2018-854	CASA-18-147994	GELC
R-43 S2	969.1	08/04/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.73	—	—	0.01	SU	Y	H	NQ	2017-2360	CASA-17-142011	GELC
R-43 S2	969.1	05/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.73	—	—	0.01	SU	Y	H	NQ	2017-1496	CASA-17-132324	GELC
R-43 S2	969.1	02/13/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.91	—	—	0.01	SU	Y	H	NQ	2017-1011	CASA-17-129329	GELC
R-43 S2	969.1	11/14/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.78	—	—	0.01	SU	Y	H	NQ	2017-454	CASA-17-127295	GELC
R-43 S2	969.1	08/02/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.33	—	—	0.01	SU	Y	H	NQ	2016-1874	CASA-16-124347	GELC
R-43 S2	969.1	05/12/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.61	—	—	0.01	SU	Y	H	NQ	2016-1211	CASA-16-115493	GELC
R-43 S2	969.1	02/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.72	—	—	0.01	SU	Y	H	NQ	2016-753	CASA-16-110068	GELC
R-43 S2	969.1	11/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	8.87	—	—	1.45	mg/L	Y	H	NQ	2018-854	CASA-18-147994	GELC
R-43 S2	969.1	08/04/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	8.47	—	—	1.45	mg/L	Y	—	NQ	2017-2360	CASA-17-142011	GELC
R-43 S2	969.1	05/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	14	—	—	1.45	mg/L	Y	—	NQ	2017-1496	CASA-17-132324	GELC
R-43 S2	969.1	02/13/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	6	—	—	1.45	mg/L	Y	—	NQ	2017-1011	CASA-17-129329	GELC
R-43 S2	969.1	11/14/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	4	—	—	1.45	mg/L	Y	U	U	2017-454	CASA-17-127295	GELC
R-43 S2	969.1	08/02/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	10	—	—	1.45	mg/L	Y	—	NQ	2016-1874	CASA-16-124347	GELC
R-43 S2	969.1	05/12/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	7.17	—	—	0.725	mg/L	Y	—	NQ	2016-1211	CASA-16-115493	GELC
R-43 S2	969.1	02/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	7.53	—	—	0.725	mg/L	Y	—	NQ	2016-753	CASA-16-110068	GELC
R-43 S2	969.1	11/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	67.5	—	—	1.45	mg/L	Y	H	NQ	2018-854	CASA-18-147994	GELC
R-43 S2	969.1	08/04/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	68.4	—	—	1.45	mg/L	Y	—	NQ	2017-2360	CASA-17-142011	GELC
R-43 S2	969.1	05/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	70	—	—	1.45	mg/L	Y	—	NQ	2017-1496	CASA-17-132324	GELC
R-43 S2	969.1	02/13/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	70	—	—	1.45	mg/L	Y	—	NQ	2017-1011	CASA-17-129329	GELC
R-43 S2	969.1	11/14/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	69.8	—	—	1.45	mg/L	Y	—	NQ	2017-454	CASA-17-127295	GELC
R-43 S2	969.1	08/02/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	70.3	—	—	1.45	mg/L	Y	—	NQ	2016-1874	CASA-16-124347	GELC
R-43 S2	969.1	05/12/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	70.1	—	—	0.725	mg/L	Y	—	NQ	2016-1211	CASA-16-115493	GELC
R-43 S2	969.1	02/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	70.4	—	—	0.725	mg/L	Y	—	NQ	2016-753	CASA-16-110068	GELC
R-43 S2	969.1	11/09/17	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0034	0.0068	0.0303	—	pCi/L	Y	U	U	2018-854	CASA-18-148001	GELC
R-43 S2	969.1	11/18/15	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00314	0.0121	0.0423	—	pCi/L	Y	U	U	2016-375	CASA-16-106245	GELC
R-43 S2	969.1	11/21/14	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00862	0.0076	0.06	—	pCi/L	Y	U	U	2015-415	CASA-15-90254	GELC
R-43 S2	969.1	11/07/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00757	0.00719	0.0254	—	pCi/L	Y	U	U	2013-286	CASA-13-24214	GELC
R-43 S2	969.1	08/13/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00384	0.00719	0.0263	—	pCi/L	Y	U	U	12-1495	CASA-12-21645	GELC
R-43 S2	969.1	11/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0276	—	—	0.017	mg/L	Y	J	J	2018-854	CASA-18-147994	GELC
R-43 S2	969.1	08/04/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0281	—	—	0.017	mg/L	Y	J	J	2017-2360	CASA-17-142011	GELC
R-43 S2	969.1	02/13/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0209	—	—	0.017	mg/L	Y	J	J	2017-1011	CASA-17-129329	GELC
R-43 S2	969.1	11/14/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0514	—	—	0.017	mg/L	Y	—	U	2017-454	CASA-17-127295	GELC
R-43 S2	969.1	08/02/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.065	—	—	0.017	mg/L	Y	—	U	2016-1874	CASA-16-124347	GELC
R-43 S2	969.1	05/12/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0415	—	—	0.017	mg/L	Y	J	U	2016-1211	CASA-16-115493	GELC
R-43 S2	969.1	02/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.227	—	—	0.017	mg/L	Y	—	NQ	2016-753	CASA-16-110068	GELC
R-43 S2	969.1	11/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.29	—	—	2	µg/L	Y	J	J	2018-854	CASA-18-147994	GELC
R-43 S2	969.1	08/04/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.06	—	—	2	µg/L	Y	J	J	2017-2360	CASA-17-142011	GELC
R-43 S2	969.1	02/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.76	—	—	1.7	µg/L	Y	J	J	2017-1011	CASA-17-129329	GELC
R-43 S2	969.1	11/14/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.41	—	—	1.7	µg/L	Y	J	J	2017-454	CASA-17-127295	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-43 S2	969.1	08/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.69	—	—	1.7	µg/L	Y	J	J	2016-1874	CASA-16-124347	GELC
R-43 S2	969.1	05/12/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.68	—	—	1.7	µg/L	Y	J	J	2016-1211	CASA-16-115493	GELC
R-43 S2	969.1	02/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.53	—	—	1.7	µg/L	Y	J	J	2016-753	CASA-16-110068	GELC
R-43 S2	969.1	11/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	23.1	—	—	1	µg/L	Y	—	NQ	2018-854	CASA-18-147994	GELC
R-43 S2	969.1	08/04/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	23.4	—	—	1	µg/L	Y	—	NQ	2017-2360	CASA-17-142011	GELC
R-43 S2	969.1	05/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	22.7	—	—	1	µg/L	Y	—	NQ	2017-1496	CASA-17-132324	GELC
R-43 S2	969.1	02/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	24.7	—	—	1	µg/L	Y	—	NQ	2017-1011	CASA-17-129329	GELC
R-43 S2	969.1	11/14/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	23.5	—	—	1	µg/L	Y	—	NQ	2017-454	CASA-17-127295	GELC
R-43 S2	969.1	08/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	22.8	—	—	1	µg/L	Y	—	NQ	2016-1874	CASA-16-124347	GELC
R-43 S2	969.1	05/12/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	22.8	—	—	1	µg/L	Y	—	NQ	2016-1211	CASA-16-115493	GELC
R-43 S2	969.1	02/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	23.2	—	—	1	µg/L	Y	—	NQ	2016-753	CASA-16-110068	GELC
R-43 S2	969.1	11/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	30	—	—	15	µg/L	Y	J	J	2018-854	CASA-18-147994	GELC
R-43 S2	969.1	08/04/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	28.5	—	—	15	µg/L	Y	J	J	2017-2360	CASA-17-142011	GELC
R-43 S2	969.1	05/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	32.2	—	—	15	µg/L	Y	J	J	2017-1496	CASA-17-132324	GELC
R-43 S2	969.1	02/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	34.6	—	—	15	µg/L	Y	J	J	2017-1011	CASA-17-129329	GELC
R-43 S2	969.1	11/14/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	33.2	—	—	15	µg/L	Y	J	J	2017-454	CASA-17-127295	GELC
R-43 S2	969.1	08/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	28.1	—	—	15	µg/L	Y	J	J	2016-1874	CASA-16-124347	GELC
R-43 S2	969.1	05/12/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	27.1	—	—	15	µg/L	Y	J	J	2016-1211	CASA-16-115493	GELC
R-43 S2	969.1	02/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	36.8	—	—	15	µg/L	Y	J	J	2016-753	CASA-16-110068	GELC
R-43 S2	969.1	11/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0878	—	—	0.067	mg/L	Y	J	J	2018-854	CASA-18-147994	GELC
R-43 S2	969.1	08/04/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0814	—	—	0.067	mg/L	Y	J	J	2017-2360	CASA-17-142011	GELC
R-43 S2	969.1	05/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0764	—	—	0.067	mg/L	Y	J	J	2017-1496	CASA-17-132324	GELC
R-43 S2	969.1	02/13/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0744	—	—	0.067	mg/L	Y	J	J	2017-1011	CASA-17-129329	GELC
R-43 S2	969.1	11/14/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.101	—	—	0.067	mg/L	Y	J	J	2017-454	CASA-17-127295	GELC
R-43 S2	969.1	08/02/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0755	—	—	0.067	mg/L	Y	J	J	2016-1874	CASA-16-124347	GELC
R-43 S2	969.1	05/12/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0848	—	—	0.067	mg/L	Y	J	J	2016-1211	CASA-16-115493	GELC
R-43 S2	969.1	02/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.079	—	—	0.067	mg/L	Y	J	J	2016-753	CASA-16-110068	GELC
R-43 S2	969.1	11/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.1	—	—	0.05	mg/L	Y	—	NQ	2018-854	CASA-18-147994	GELC
R-43 S2	969.1	08/04/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	18.2	—	—	0.05	mg/L	Y	—	NQ	2017-2360	CASA-17-142011	GELC
R-43 S2	969.1	05/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16.6	—	—	0.05	mg/L	Y	—	NQ	2017-1496	CASA-17-132324	GELC
R-43 S2	969.1	02/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	19.3	—	—	0.05	mg/L	Y	—	NQ	2017-1011	CASA-17-129329	GELC
R-43 S2	969.1	11/14/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	18.3	—	—	0.05	mg/L	Y	—	NQ	2017-454	CASA-17-127295	GELC
R-43 S2	969.1	08/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	18.2	—	—	0.05	mg/L	Y	—	NQ	2016-1874	CASA-16-124347	GELC
R-43 S2	969.1	05/12/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	18.2	—	—	0.05	mg/L	Y	—	NQ	2016-1211	CASA-16-115493	GELC
R-43 S2	969.1	02/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.9	—	—	0.05	mg/L	Y	—	NQ	2016-753	CASA-16-110068	GELC
R-43 S2	969.1	11/09/17	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.605	1.17	4.25	—	pCi/L	Y	U	U	2018-854	CASA-18-148001	GELC
R-43 S2	969.1	11/18/15	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.97	1.31	3.84	—	pCi/L	Y	U	U	2016-375	CASA-16-106245	GELC
R-43 S2	969.1	11/21/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.666	1.6	5.74	—	pCi/L	Y	U	U	2015-415	CASA-15-90254	GELC
R-43 S2	969.1	11/07/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.62	1.35	4.71	—	pCi/L	Y	U	U	2013-286	CASA-13-24214	GELC
R-43 S2	969.1	08/13/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.416	1.23	4.47	—	pCi/L	Y	U	U	12-1495	CASA-12-21645	GELC
R-43 S2	969.1	11/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.88	—	—	0.067	mg/L	Y	—	NQ	2018-854	CASA-18-147994	GELC
R-43 S2	969.1	08/04/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.79	—	—	0.067	mg/L	Y	—	NQ	2017-2360	CASA-17-142011	GELC
R-43 S2	969.1	05/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.3	—	—	0.067	mg/L	Y	—	NQ	2017-1496	CASA-17-132324	GELC
R-43 S2	969.1	02/13/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.51	—	—	0.067	mg/L	Y	—	NQ	2017-1011	CASA-17-129329	GELC
R-43 S2	969.1	11/14/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.73	—	—	0.067	mg/L	Y	—	NQ	2017-454	CASA-17-127295	GELC
R-43 S2	969.1	08/02/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.5	—	—	0.067	mg/L	Y	—	J	2016-1874	CASA-16-124347	GELC
R-43 S2	969.1	05/12/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.23	—	—	0.067	mg/L	Y	—	J	2016-1211	CASA-16-115493	GELC
R-43 S2	969.1	02/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.36	—	—	0.067	mg/L	Y	—	NQ	2016-753	CASA-16-110068	GELC
R-43 S2	969.1	11/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	17.5	—	—	3	µg/L	Y	—	NQ	2018-854	CASA-18-147994	GELC
R-43 S2	969.1	08/04/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	14.9	—	—	3	µg/L	Y	—	NQ	2017-2360	CASA-17-142011	GELC
R-43 S2	969.1	05/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	14.5	—	—	3	µg/L	Y	—	NQ	2017-1496	CASA-17-132324	GELC
R-43 S2	969.1	02/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	14.7	—	—	3	µg/L	Y	—	NQ	2017-1011	CASA-17-129329	GELC
R-43 S2	969.1	11/14/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	14.1	—	—	3	µg/L	Y	—	NQ	2017-454	CASA-17-127295	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-43 S2	969.1	08/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	12.4	—	—	2	µg/L	Y	—	NQ	2016-1874	CASA-16-124347	GELC
R-43 S2	969.1	05/12/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	14.8	—	—	2	µg/L	Y	—	U	2016-1211	CASA-16-115493	GELC
R-43 S2	969.1	02/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	14	—	—	2	µg/L	Y	—	U	2016-753	CASA-16-110068	GELC
R-43 S2	969.1	11/09/17	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.397	1.02	4.11	—	pCi/L	Y	U	U	2018-854	CASA-18-148001	GELC
R-43 S2	969.1	11/18/15	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.735	1.13	4.26	—	pCi/L	Y	U	U	2016-375	CASA-16-106245	GELC
R-43 S2	969.1	11/21/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-2.35	1.58	5.11	—	pCi/L	Y	U	U	2015-415	CASA-15-90254	GELC
R-43 S2	969.1	11/07/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.326	1.53	5.52	—	pCi/L	Y	U	U	2013-286	CASA-13-24214	GELC
R-43 S2	969.1	08/13/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.423	1.19	4.5	—	pCi/L	Y	U	U	12-1495	CASA-12-21645	GELC
R-43 S2	969.1	11/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.233	—	—	0.033	mg/L	Y	—	NQ	2018-854	CASA-18-147994	GELC
R-43 S2	969.1	08/04/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.237	—	—	0.033	mg/L	Y	—	NQ	2017-2360	CASA-17-142011	GELC
R-43 S2	969.1	05/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.31	—	—	0.033	mg/L	Y	—	NQ	2017-1496	CASA-17-132324	GELC
R-43 S2	969.1	02/13/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.187	—	—	0.033	mg/L	Y	—	NQ	2017-1011	CASA-17-129329	GELC
R-43 S2	969.1	11/14/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.278	—	—	0.033	mg/L	Y	—	NQ	2017-454	CASA-17-127295	GELC
R-43 S2	969.1	08/02/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.274	—	—	0.033	mg/L	Y	—	J	2016-1874	CASA-16-124347	GELC
R-43 S2	969.1	05/12/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.243	—	—	0.033	mg/L	Y	—	NQ	2016-1211	CASA-16-115493	GELC
R-43 S2	969.1	02/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.273	—	—	0.033	mg/L	Y	—	NQ	2016-753	CASA-16-110068	GELC
R-43 S2	969.1	11/09/17	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.401	0.357	1.54	—	pCi/L	Y	U	U	2018-854	CASA-18-148001	GELC
R-43 S2	969.1	11/18/15	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.375	0.79	2.98	—	pCi/L	Y	U	U	2016-375	CASA-16-106245	GELC
R-43 S2	969.1	11/21/14	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.0581	0.557	1.91	—	pCi/L	Y	U	U	2015-415	CASA-15-90254	GELC
R-43 S2	969.1	11/07/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2	0.977	2.96	—	pCi/L	Y	U	U	2013-286	CASA-13-24214	GELC
R-43 S2	969.1	08/13/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.69	0.617	2.26	—	pCi/L	Y	U	U	12-1495	CASA-12-21645	GELC
R-43 S2	969.1	11/09/17	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.247	0.586	2.15	—	pCi/L	Y	U	U	2018-854	CASA-18-148001	GELC
R-43 S2	969.1	11/18/15	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	-0.868	0.71	2.94	—	pCi/L	Y	U	U	2016-375	CASA-16-106245	GELC
R-43 S2	969.1	11/21/14	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.936	0.726	2.44	—	pCi/L	Y	U	U	2015-415	CASA-15-90254	GELC
R-43 S2	969.1	11/07/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.13	0.785	2.36	—	pCi/L	Y	U	U	2013-286	CASA-13-24214	GELC
R-43 S2	969.1	08/13/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.81	0.738	2.34	—	pCi/L	Y	U	U	12-1495	CASA-12-21645	GELC
R-43 S2	969.1	11/09/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	59.3	—	—	0.453	mg/L	Y	—	NQ	2018-854	CASA-18-147994	GELC
R-43 S2	969.1	08/04/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	63.2	—	—	0.453	mg/L	Y	—	NQ	2017-2360	CASA-17-142011	GELC
R-43 S2	969.1	05/08/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	57.8	—	—	0.453	mg/L	Y	—	NQ	2017-1496	CASA-17-132324	GELC
R-43 S2	969.1	02/13/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	68.5	—	—	0.453	mg/L	Y	—	NQ	2017-1011	CASA-17-129329	GELC
R-43 S2	969.1	11/14/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	64.9	—	—	0.453	mg/L	Y	—	NQ	2017-454	CASA-17-127295	GELC
R-43 S2	969.1	08/02/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	64.1	—	—	0.453	mg/L	Y	—	NQ	2016-1874	CASA-16-124347	GELC
R-43 S2	969.1	05/12/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	64.5	—	—	0.453	mg/L	Y	—	NQ	2016-1211	CASA-16-115493	GELC
R-43 S2	969.1	02/16/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	64.5	—	—	0.453	mg/L	Y	—	NQ	2016-753	CASA-16-110068	GELC
R-43 S2	969.1	11/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.06	—	—	0.11	mg/L	Y	—	NQ	2018-854	CASA-18-147994	GELC
R-43 S2	969.1	08/04/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.32	—	—	0.11	mg/L	Y	—	NQ	2017-2360	CASA-17-142011	GELC
R-43 S2	969.1	05/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.98	—	—	0.11	mg/L	Y	—	NQ	2017-1496	CASA-17-132324	GELC
R-43 S2	969.1	02/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.91	—	—	0.11	mg/L	Y	—	NQ	2017-1011	CASA-17-129329	GELC
R-43 S2	969.1	11/14/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.67	—	—	0.11	mg/L	Y	—	NQ	2017-454	CASA-17-127295	GELC
R-43 S2	969.1	08/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.53	—	—	0.11	mg/L	Y	—	NQ	2016-1874	CASA-16-124347	GELC
R-43 S2	969.1	05/12/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.61	—	—	0.11	mg/L	Y	—	NQ	2016-1211	CASA-16-115493	GELC
R-43 S2	969.1	02/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.79	—	—	0.11	mg/L	Y	—	NQ	2016-753	CASA-16-110068	GELC
R-43 S2	969.1	11/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.51	—	—	0.2	µg/L	Y	—	NQ	2018-854	CASA-18-147994	GELC
R-43 S2	969.1	08/04/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.31	—	—	0.2	µg/L	Y	—	NQ	2017-2360	CASA-17-142011	GELC
R-43 S2	969.1	05/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.37	—	—	0.2	µg/L	Y	—	NQ	2017-1496	CASA-17-132324	GELC
R-43 S2	969.1	02/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.39	—	—	0.3	µg/L	Y	—	NQ	2017-1011	CASA-17-129329	GELC
R-43 S2	969.1	11/14/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.39	—	—	0.3	µg/L	Y	—	NQ	2017-454	CASA-17-127295	GELC
R-43 S2	969.1	08/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.27	—	—	0.165	µg/L	Y	—	J	2016-1874	CASA-16-124347	GELC
R-43 S2	969.1	05/12/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.44	—	—	0.165	µg/L	Y	—	NQ	2016-1211	CASA-16-115493	GELC
R-43 S2	969.1	02/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.53	—	—	0.165	µg/L	Y	—	NQ	2016-753	CASA-16-110068	GELC
R-43 S2	969.1	11/09/17	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.769	2.27	8.43	—	pCi/L	Y	U	U	2018-854	CASA-18-148001	GELC
R-43 S2	969.1	11/18/15	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.62	2.75	9.15	—	pCi/L	Y	U	U	2016-375	CASA-16-106245	GELC
R-43 S2	969.1	11/21/14	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.16	3.41	12.2	—	pCi/L	Y	U	U	2015-415	CASA-15-90254	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-43 S2	969.1	11/07/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.692	2.52	9.14	—	pCi/L	Y	U	U	2013-286	CASA-13-24214	GELC
R-43 S2	969.1	08/13/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.84	2.27	8.48	—	pCi/L	Y	U	U	12-1495	CASA-12-21645	GELC
R-43 S2	969.1	11/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.86	—	—	0.17	mg/L	Y	—	NQ	2018-854	CASA-18-147994	GELC
R-43 S2	969.1	08/04/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.54	—	—	0.085	mg/L	Y	—	NQ	2017-2360	CASA-17-142011	GELC
R-43 S2	969.1	05/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.38	—	—	0.425	mg/L	Y	—	NQ	2017-1496	CASA-17-132324	GELC
R-43 S2	969.1	02/13/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.65	—	—	0.17	mg/L	Y	—	NQ	2017-1011	CASA-17-129329	GELC
R-43 S2	969.1	11/14/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.48	—	—	0.085	mg/L	Y	—	NQ	2017-454	CASA-17-127295	GELC
R-43 S2	969.1	08/02/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.27	—	—	0.17	mg/L	Y	—	NQ	2016-1874	CASA-16-124347	GELC
R-43 S2	969.1	05/12/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.45	—	—	0.17	mg/L	Y	—	NQ	2016-1211	CASA-16-115493	GELC
R-43 S2	969.1	02/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	4.28	—	—	0.085	mg/L	Y	—	NQ	2016-753	CASA-16-110068	GELC
R-43 S2	969.1	11/09/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.875	—	—	0.05	µg/L	Y	—	NQ	2018-854	CASA-18-147994	GELC
R-43 S2	969.1	08/04/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.873	—	—	0.05	µg/L	Y	—	NQ	2017-2360	CASA-17-142011	GELC
R-43 S2	969.1	05/08/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.892	—	—	0.05	µg/L	Y	—	NQ	2017-1496	CASA-17-132324	GELC
R-43 S2	969.1	02/13/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.858	—	—	0.05	µg/L	Y	—	NQ	2017-1011	CASA-17-129329	GELC
R-43 S2	969.1	11/14/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.838	—	—	0.05	µg/L	Y	—	NQ	2017-454	CASA-17-127295	GELC
R-43 S2	969.1	08/02/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.879	—	—	0.05	µg/L	Y	—	NQ	2016-1874	CASA-16-124347	GELC
R-43 S2	969.1	05/12/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.861	—	—	0.05	µg/L	Y	—	NQ	2016-1211	CASA-16-115493	GELC
R-43 S2	969.1	02/16/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.844	—	—	0.05	µg/L	Y	—	NQ	2016-753	CASA-16-110068	GELC
R-43 S2	969.1	11/09/17	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.0149	0.0894	—	pCi/L	Y	U	U	2018-854	CASA-18-148001	GELC
R-43 S2	969.1	11/18/15	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00843	0.00667	0.0247	—	pCi/L	Y	U	U	2016-375	CASA-16-106245	GELC
R-43 S2	969.1	11/21/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.000000000707	0.00519	0.0284	—	pCi/L	Y	U	U	2015-415	CASA-15-90254	GELC
R-43 S2	969.1	11/07/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00337	0.0053	0.0232	—	pCi/L	Y	U	U	2013-286	CASA-13-24214	GELC
R-43 S2	969.1	08/13/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.00653	0.0179	—	pCi/L	Y	U	U	12-1495	CASA-12-21645	GELC
R-43 S2	969.1	11/09/17	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0242	0.0171	0.128	—	pCi/L	Y	U	U	2018-854	CASA-18-148001	GELC
R-43 S2	969.1	11/18/15	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00421	0.00666	0.0474	—	pCi/L	Y	U	U	2016-375	CASA-16-106245	GELC
R-43 S2	969.1	11/21/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00212	0.00367	0.0419	—	pCi/L	Y	U	U	2015-415	CASA-15-90254	GELC
R-43 S2	969.1	11/07/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00669	0.0073	0.0383	—	pCi/L	Y	U	U	2013-286	CASA-13-24214	GELC
R-43 S2	969.1	08/13/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00799	0.00596	0.0321	—	pCi/L	Y	U	U	12-1495	CASA-12-21645	GELC
R-43 S2	969.1	11/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.29	—	—	0.05	mg/L	Y	—	NQ	2018-854	CASA-18-147994	GELC
R-43 S2	969.1	08/04/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.32	—	—	0.05	mg/L	Y	—	NQ	2017-2360	CASA-17-142011	GELC
R-43 S2	969.1	05/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.25	—	—	0.05	mg/L	Y	—	NQ	2017-1496	CASA-17-132324	GELC
R-43 S2	969.1	02/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.38	—	—	0.05	mg/L	Y	—	NQ	2017-1011	CASA-17-129329	GELC
R-43 S2	969.1	11/14/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.58	—	—	0.05	mg/L	Y	—	NQ	2017-454	CASA-17-127295	GELC
R-43 S2	969.1	08/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.4	—	—	0.05	mg/L	Y	—	NQ	2016-1874	CASA-16-124347	GELC
R-43 S2	969.1	05/12/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.43	—	—	0.05	mg/L	Y	—	NQ	2016-1211	CASA-16-115493	GELC
R-43 S2	969.1	02/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.38	—	—	0.05	mg/L	Y	—	NQ	2016-753	CASA-16-110068	GELC
R-43 S2	969.1	11/09/17	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	1.23	17.3	68.7	—	pCi/L	Y	U	U	2018-854	CASA-18-148001	GELC
R-43 S2	969.1	11/18/15	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-2.73	16.2	60.1	—	pCi/L	Y	U	U	2016-375	CASA-16-106245	GELC
R-43 S2	969.1	11/21/14	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	10.3	21.1	81.1	—	pCi/L	Y	U	U	2015-415	CASA-15-90254	GELC
R-43 S2	969.1	11/07/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-23.7	15.8	47.1	—	pCi/L	Y	U	U	2013-286	CASA-13-24214	GELC
R-43 S2	969.1	08/13/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	35.6	13.7	46.7	—	pCi/L	Y	U	U	12-1495	CASA-12-21645	GELC
R-43 S2	969.1	11/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	63.7	—	—	0.053	mg/L	Y	—	NQ	2018-854	CASA-18-147994	GELC
R-43 S2	969.1	08/04/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.4	—	—	0.53	mg/L	Y	—	NQ	2017-2360	CASA-17-142011	GELC
R-43 S2	969.1	05/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	66	—	—	0.053	mg/L	Y	—	NQ	2017-1496	CASA-17-132324	GELC
R-43 S2	969.1	02/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.6	—	—	0.053	mg/L	Y	—	NQ	2017-1011	CASA-17-129329	GELC
R-43 S2	969.1	11/14/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.6	—	—	0.053	mg/L	Y	—	NQ	2017-454	CASA-17-127295	GELC
R-43 S2	969.1	08/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.5	—	—	0.053	mg/L	Y	—	NQ	2016-1874	CASA-16-124347	GELC
R-43 S2	969.1	05/12/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.9	—	—	0.053	mg/L	Y	—	NQ	2016-1211	CASA-16-115493	GELC
R-43 S2	969.1	02/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.9	—	—	0.053	mg/L	Y	—	NQ	2016-753	CASA-16-110068	GELC
R-43 S2	969.1	11/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	13.7	—	—	0.1	mg/L	Y	—	NQ	2018-854	CASA-18-147994	GELC
R-43 S2	969.1	08/04/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	15	—	—	0.1	mg/L	Y	—	NQ	2017-2360	CASA-17-142011	GELC
R-43 S2	969.1	05/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	15.2	—	—	0.1	mg/L	Y	—	NQ	2017-1496	CASA-17-132324	GELC
R-43 S2	969.1	02/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	13.3	—	—	0.1	mg/L	Y	—	NQ	2017-1011	CASA-17-129329	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-43 S2	969.1	11/14/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	15	—	—	0.1	mg/L	Y	N	NQ	2017-454	CASA-17-127295	GELC
R-43 S2	969.1	08/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	14.8	—	—	0.1	mg/L	Y	—	NQ	2016-1874	CASA-16-124347	GELC
R-43 S2	969.1	05/12/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	15	—	—	0.1	mg/L	Y	—	NQ	2016-1211	CASA-16-115493	GELC
R-43 S2	969.1	02/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	15.4	—	—	0.1	mg/L	Y	—	NQ	2016-753	CASA-16-110068	GELC
R-43 S2	969.1	11/09/17	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.0562	0.82	3.7	—	pCi/L	Y	U	U	2018-854	CASA-18-148001	GELC
R-43 S2	969.1	11/18/15	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.493	1.12	4.15	—	pCi/L	Y	U	U	2016-375	CASA-16-106245	GELC
R-43 S2	969.1	11/21/14	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	2.6	1.8	7.64	—	pCi/L	Y	U	U	2015-415	CASA-15-90254	GELC
R-43 S2	969.1	11/07/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.54	1.11	4.8	—	pCi/L	Y	U	U	2013-286	CASA-13-24214	GELC
R-43 S2	969.1	08/13/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.0861	1.15	4.53	—	pCi/L	Y	U	U	12-1495	CASA-12-21645	GELC
R-43 S2	969.1	11/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	205	—	—	1	µS/cm	Y	—	NQ	2018-854	CASA-18-147994	GELC
R-43 S2	969.1	08/04/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	203	—	—	1	µS/cm	Y	—	NQ	2017-2360	CASA-17-142011	GELC
R-43 S2	969.1	05/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	200	—	—	1	µS/cm	Y	—	NQ	2017-1496	CASA-17-132324	GELC
R-43 S2	969.1	02/13/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	191	—	—	1	µS/cm	Y	—	NQ	2017-1011	CASA-17-129329	GELC
R-43 S2	969.1	11/14/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	194	—	—	1	µS/cm	Y	—	NQ	2017-454	CASA-17-127295	GELC
R-43 S2	969.1	08/02/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	182	—	—	3.63	µS/cm	Y	—	NQ	2016-1874	CASA-16-124347	GELC
R-43 S2	969.1	05/12/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	202	—	—	3.63	µS/cm	Y	—	NQ	2016-1211	CASA-16-115493	GELC
R-43 S2	969.1	02/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	215	—	—	1	µS/cm	Y	—	NQ	2016-753	CASA-16-110068	GELC
R-43 S2	969.1	11/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	100	—	—	1	µg/L	Y	—	NQ	2018-854	CASA-18-147994	GELC
R-43 S2	969.1	08/04/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	102	—	—	1	µg/L	Y	—	NQ	2017-2360	CASA-17-142011	GELC
R-43 S2	969.1	05/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	106	—	—	1	µg/L	Y	—	NQ	2017-1496	CASA-17-132324	GELC
R-43 S2	969.1	02/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	104	—	—	1	µg/L	Y	—	NQ	2017-1011	CASA-17-129329	GELC
R-43 S2	969.1	11/14/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	107	—	—	1	µg/L	Y	—	NQ	2017-454	CASA-17-127295	GELC
R-43 S2	969.1	08/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	103	—	—	1	µg/L	Y	—	NQ	2016-1874	CASA-16-124347	GELC
R-43 S2	969.1	05/12/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	102	—	—	1	µg/L	Y	—	NQ	2016-1211	CASA-16-115493	GELC
R-43 S2	969.1	02/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	90.6	—	—	1	µg/L	Y	—	NQ	2016-753	CASA-16-110068	GELC
R-43 S2	969.1	11/09/17	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.371	0.144	0.438	—	pCi/L	Y	U	U	2018-854	CASA-18-148001	GELC
R-43 S2	969.1	11/18/15	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.187	0.123	0.496	—	pCi/L	Y	U	U	2016-375	CASA-16-106245	GELC
R-43 S2	969.1	11/21/14	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.164	0.117	0.495	—	pCi/L	Y	U	U	2015-415	CASA-15-90254	GELC
R-43 S2	969.1	11/07/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0515	0.123	0.463	—	pCi/L	Y	U	U	2013-286	CASA-13-24214	GELC
R-43 S2	969.1	08/13/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.27	0.131	0.495	—	pCi/L	Y	U	U	12-1495	CASA-12-21645	GELC
R-43 S2	969.1	11/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	8.78	—	—	0.133	mg/L	Y	—	NQ	2018-854	CASA-18-147994	GELC
R-43 S2	969.1	08/04/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	8.54	—	—	0.133	mg/L	Y	—	NQ	2017-2360	CASA-17-142011	GELC
R-43 S2	969.1	05/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	9.19	—	—	0.133	mg/L	Y	—	NQ	2017-1496	CASA-17-132324	GELC
R-43 S2	969.1	02/13/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	8.24	—	—	0.133	mg/L	Y	—	NQ	2017-1011	CASA-17-129329	GELC
R-43 S2	969.1	11/14/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	8.26	—	—	0.133	mg/L	Y	—	NQ	2017-454	CASA-17-127295	GELC
R-43 S2	969.1	08/02/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.97	—	—	0.133	mg/L	Y	—	NQ	2016-1874	CASA-16-124347	GELC
R-43 S2	969.1	05/12/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.95	—	—	0.133	mg/L	Y	—	NQ	2016-1211	CASA-16-115493	GELC
R-43 S2	969.1	02/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.59	—	—	0.133	mg/L	Y	—	NQ	2016-753	CASA-16-110068	GELC
R-43 S2	969.1	11/09/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-854	CASA-18-147994	GELC
R-43 S2	969.1	11/09/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-854	CASA-18-148001	GELC
R-43 S2	969.1	08/04/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	2017-2360	CASA-17-142019	GELC
R-43 S2	969.1	08/04/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	2017-2360	CASA-17-142011	GELC
R-43 S2	969.1	05/08/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	2017-1496	CASA-17-132324	GELC
R-43 S2	969.1	05/08/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	2017-1496	CASA-17-132333	GELC
R-43 S2	969.1	11/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	2.75	—	—	2.5	µg/L	Y	J	J	2018-854	CASA-18-147994	GELC
R-43 S2	969.1	05/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	3.38	—	—	2.5	µg/L	Y	J	J	2017-1496	CASA-17-132324	GELC
R-43 S2	969.1	02/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	2017-1011	CASA-17-129329	GELC
R-43 S2	969.1	11/14/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	2017-454	CASA-17-127295	GELC
R-43 S2	969.1	08/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	2016-1874	CASA-16-124347	GELC
R-43 S2	969.1	05/12/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	2016-1211	CASA-16-115493	GELC
R-43 S2	969.1	11/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	160	—	—	3.4	mg/L	Y	—	NQ	2018-854	CASA-18-147994	GELC
R-43 S2	969.1	08/04/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	177	—	—	3.4	mg/L	Y	—	NQ	2017-2360	CASA-17-142011	GELC
R-43 S2	969.1	05/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	173	—	—	3.4	mg/L	Y	—	NQ	2017-1496	CASA-17-132324	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-43 S2	969.1	02/13/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	161	—	—	3.4	mg/L	Y	—	NQ	2017-1011	CASA-17-129329	GELC
R-43 S2	969.1	11/14/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	144	—	—	3.4	mg/L	Y	—	NQ	2017-454	CASA-17-127295	GELC
R-43 S2	969.1	08/02/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	153	—	—	3.4	mg/L	Y	—	NQ	2016-1874	CASA-16-124347	GELC
R-43 S2	969.1	05/12/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	184	—	—	3.4	mg/L	Y	—	NQ	2016-1211	CASA-16-115493	GELC
R-43 S2	969.1	02/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	207	—	—	3.4	mg/L	Y	—	NQ	2016-753	CASA-16-110068	GELC
R-43 S2	969.1	02/13/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0581	—	—	0.033	mg/L	Y	J	J	2017-1011	CASA-17-129335	GELC
R-43 S2	969.1	11/14/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2017-454	CASA-17-127276	GELC
R-43 S2	969.1	08/02/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2016-1874	CASA-16-124331	GELC
R-43 S2	969.1	05/12/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2016-1211	CASA-16-115484	GELC
R-43 S2	969.1	02/16/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2016-753	CASA-16-110059	GELC
R-43 S2	969.1	11/09/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.355	—	—	0.33	mg/L	Y	J	J	2018-854	CASA-18-148001	GELC
R-43 S2	969.1	08/04/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.698	—	—	0.33	mg/L	Y	J	J	2017-2360	CASA-17-142019	GELC
R-43 S2	969.1	05/08/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.583	—	—	0.33	mg/L	Y	J	J	2017-1496	CASA-17-132333	GELC
R-43 S2	969.1	02/13/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.538	—	—	0.33	mg/L	Y	J	J	2017-1011	CASA-17-129335	GELC
R-43 S2	969.1	11/14/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.549	—	—	0.33	mg/L	Y	J	J	2017-454	CASA-17-127276	GELC
R-43 S2	969.1	08/02/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.506	—	—	0.33	mg/L	Y	J	J	2016-1874	CASA-16-124331	GELC
R-43 S2	969.1	05/12/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.381	—	—	0.33	mg/L	Y	J	J	2016-1211	CASA-16-115484	GELC
R-43 S2	969.1	02/16/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.894	—	—	0.33	mg/L	Y	J	J	2016-753	CASA-16-110059	GELC
R-43 S2	969.1	11/09/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.039	—	—	0.02	mg/L	Y	J	J	2018-854	CASA-18-147994	GELC
R-43 S2	969.1	05/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0344	—	—	0.02	mg/L	Y	J	J	2017-1496	CASA-17-132324	GELC
R-43 S2	969.1	02/13/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.155	—	—	0.02	mg/L	Y	—	NQ	2017-1011	CASA-17-129329	GELC
R-43 S2	969.1	11/14/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0493	—	—	0.02	mg/L	Y	J	J	2017-454	CASA-17-127295	GELC
R-43 S2	969.1	08/02/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.05	—	—	0.02	mg/L	Y	U	U	2016-1874	CASA-16-124347	GELC
R-43 S2	969.1	05/12/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0294	—	—	0.02	mg/L	Y	J	J	2016-1211	CASA-16-115493	GELC
R-43 S2	969.1	02/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.027	—	—	0.017	mg/L	Y	J	J	2016-753	CASA-16-110068	GELC
R-43 S2	969.1	11/09/17	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.926	0.678	2.305	—	pCi/L	Y	QU	U	2018-932	CASA-18-148001	ARSL
R-43 S2	969.1	11/14/16	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.685	0.693	2.286	—	pCi/L	Y	U	U	2017-494	CASA-17-127276	ARSL
R-43 S2	969.1	11/18/15	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.117	0.7	2.371	—	pCi/L	Y	U	U	2016-378	CASA-16-106245	ARSL
R-43 S2	969.1	11/21/14	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-1.098	0.815	2.801	—	pCi/L	Y	U	U	2015-460	CASA-15-90254	ARSL
R-43 S2	969.1	11/19/13	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.639	0.637	2.098	—	pCi/L	Y	U	U	2014-2522	CASA-14-45709	ARSL
R-43 S2	969.1	11/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.374	—	—	0.067	µg/L	Y	—	NQ	2018-854	CASA-18-147994	GELC
R-43 S2	969.1	08/04/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.424	—	—	0.067	µg/L	Y	—	NQ	2017-2360	CASA-17-142011	GELC
R-43 S2	969.1	05/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.434	—	—	0.067	µg/L	Y	—	NQ	2017-1496	CASA-17-132324	GELC
R-43 S2	969.1	02/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.495	—	—	0.067	µg/L	Y	—	NQ	2017-1011	CASA-17-129329	GELC
R-43 S2	969.1	11/14/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.497	—	—	0.067	µg/L	Y	—	NQ	2017-454	CASA-17-127295	GELC
R-43 S2	969.1	08/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.513	—	—	0.067	µg/L	Y	—	NQ	2016-1874	CASA-16-124347	GELC
R-43 S2	969.1	05/12/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.564	—	—	0.067	µg/L	Y	—	NQ	2016-1211	CASA-16-115493	GELC
R-43 S2	969.1	02/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.572	—	—	0.067	µg/L	Y	—	NQ	2016-753	CASA-16-110068	GELC
R-43 S2	969.1	11/09/17	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.478	0.0362	0.131	—	pCi/L	Y	—	NQ	2018-854	CASA-18-148001	GELC
R-43 S2	969.1	11/18/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.493	0.034	0.0732	—	pCi/L	Y	—	NQ	2016-375	CASA-16-106245	GELC
R-43 S2	969.1	11/21/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.737	0.0389	0.0393	—	pCi/L	Y	—	NQ	2015-415	CASA-15-90254	GELC
R-43 S2	969.1	11/07/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.824	0.0513	0.0702	—	pCi/L	Y	—	NQ	2013-286	CASA-13-24214	GELC
R-43 S2	969.1	08/13/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.803	0.0537	0.0889	—	pCi/L	Y	—	NQ	12-1495	CASA-12-21645	GELC
R-43 S2	969.1	11/09/17	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.052	0.0145	0.0566	—	pCi/L	Y	U	U	2018-854	CASA-18-148001	GELC
R-43 S2	969.1	11/18/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0111	0.00876	0.0638	—	pCi/L	Y	U	U	2016-375	CASA-16-106245	GELC
R-43 S2	969.1	11/21/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0285	0.0111	0.0343	—	pCi/L	Y	U	U	2015-415	CASA-15-90254	GELC
R-43 S2	969.1	11/07/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.015	0.00917	0.0439	—	pCi/L	Y	U	U	2013-286	CASA-13-24214	GELC
R-43 S2	969.1	08/13/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0123	0.0136	0.0574	—	pCi/L	Y	U	U	12-1495	CASA-12-21645	GELC
R-43 S2	969.1	11/09/17	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.2	0.0235	0.0765	—	pCi/L	Y	—	NQ	2018-854	CASA-18-148001	GELC
R-43 S2	969.1	11/18/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.256	0.0243	0.0723	—	pCi/L	Y	—	NQ	2016-375	CASA-16-106245	GELC
R-43 S2	969.1	11/21/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.29	0.0244	0.0377	—	pCi/L	Y	—	NQ	2015-415	CASA-15-90254	GELC
R-43 S2	969.1	11/07/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.318	0.033	0.0477	—	pCi/L	Y	—	NQ	2013-286	CASA-13-24214	GELC
R-43 S2	969.1	08/13/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.309	0.0328	0.0451	—	pCi/L	Y	—	NQ	12-1495	CASA-12-21645	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-43 S2	969.1	11/09/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.12	—	—	1	µg/L	Y	—	NQ	2018-854	CASA-18-147994	GELC
R-43 S2	969.1	08/04/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.42	—	—	1	µg/L	Y	—	NQ	2017-2360	CASA-17-142011	GELC
R-43 S2	969.1	05/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.03	—	—	1	µg/L	Y	—	NQ	2017-1496	CASA-17-132324	GELC
R-43 S2	969.1	02/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	8.12	—	—	1	µg/L	Y	—	NQ	2017-1011	CASA-17-129329	GELC
R-43 S2	969.1	11/14/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.4	—	—	1	µg/L	Y	—	NQ	2017-454	CASA-17-127295	GELC
R-43 S2	969.1	08/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.94	—	—	1	µg/L	Y	—	NQ	2016-1874	CASA-16-124347	GELC
R-43 S2	969.1	05/12/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.55	—	—	1	µg/L	Y	—	NQ	2016-1211	CASA-16-115493	GELC
R-43 S2	969.1	02/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.6	—	—	1	µg/L	Y	—	NQ	2016-753	CASA-16-110068	GELC
R-44 S1	895.0	12/18/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.89	—	—	0.01	SU	Y	H	NQ	2018-1305	CAMO-18-150340	GELC
R-44 S1	895.0	11/20/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.92	—	—	0.01	SU	Y	H	NQ	2018-1038	CAMO-18-148061	GELC
R-44 S1	895.0	10/30/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.97	—	—	0.01	SU	Y	H	NQ	2018-634	CAMO-18-147638	GELC
R-44 S1	895.0	08/03/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.96	—	—	0.01	SU	Y	H	NQ	2017-2339	CAMO-17-141980	GELC
R-44 S1	895.0	05/18/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.96	—	—	0.01	SU	Y	H	NQ	2017-1565	CAMO-17-132523	GELC
R-44 S1	895.0	02/10/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.99	—	—	0.01	SU	Y	H	NQ	2017-1005	CAMO-17-129297	GELC
R-44 S1	895.0	11/07/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.95	—	—	0.01	SU	Y	H	NQ	2017-365	CAMO-17-127252	GELC
R-44 S1	895.0	07/26/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.93	—	—	0.01	SU	Y	H	NQ	2016-1796	CAMO-16-124296	GELC
R-44 S1	895.0	05/03/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.05	—	—	0.01	SU	Y	H	NQ	2016-1142	CAMO-16-115280	GELC
R-44 S1	895.0	02/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.98	—	—	0.01	SU	Y	H	NQ	2016-714	CAMO-16-110042	GELC
R-44 S1	895.0	12/18/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	56.8	—	—	1.45	mg/L	Y	—	NQ	2018-1305	CAMO-18-150340	GELC
R-44 S1	895.0	11/20/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	56.9	—	—	1.45	mg/L	Y	—	NQ	2018-1038	CAMO-18-148061	GELC
R-44 S1	895.0	10/30/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	59.3	—	—	1.45	mg/L	Y	—	NQ	2018-634	CAMO-18-147638	GELC
R-44 S1	895.0	08/03/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	58.7	—	—	1.45	mg/L	Y	—	NQ	2017-2339	CAMO-17-141980	GELC
R-44 S1	895.0	05/18/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	60.8	—	—	1.45	mg/L	Y	—	NQ	2017-1565	CAMO-17-132523	GELC
R-44 S1	895.0	02/10/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	58	—	—	1.45	mg/L	Y	—	NQ	2017-1005	CAMO-17-129297	GELC
R-44 S1	895.0	11/07/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	59.8	—	—	1.45	mg/L	Y	—	NQ	2017-365	CAMO-17-127252	GELC
R-44 S1	895.0	07/26/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	59.2	—	—	1.45	mg/L	Y	—	NQ	2016-1796	CAMO-16-124296	GELC
R-44 S1	895.0	05/03/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	56.3	—	—	0.725	mg/L	Y	—	NQ	2016-1142	CAMO-16-115280	GELC
R-44 S1	895.0	02/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	57	—	—	0.725	mg/L	Y	—	NQ	2016-714	CAMO-16-110042	GELC
R-44 S1	895.0	11/20/17	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00689	0.00608	0.0409	—	pCi/L	Y	U	U	2018-1038	CAMO-18-148077	GELC
R-44 S1	895.0	11/12/15	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00307	0.00922	0.0415	—	pCi/L	Y	U	U	2016-334	CAMO-16-106105	GELC
R-44 S1	895.0	11/05/14	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00225	0.0129	0.047	—	pCi/L	Y	U	U	2015-238	CAMO-15-90216	GELC
R-44 S1	895.0	11/12/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00252	0.00564	0.0287	—	pCi/L	Y	U	U	2013-307	CAMO-13-24245	GELC
R-44 S1	895.0	07/14/10	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00224	0.005	0.035	—	pCi/L	Y	U	U	10-3703	CAMO-10-22866	GELC
R-44 S1	895.0	10/30/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.101	—	—	0.017	mg/L	Y	—	NQ	2018-634	CAMO-18-147638	GELC
R-44 S1	895.0	08/03/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0399	—	—	0.017	mg/L	Y	J	J	2017-2339	CAMO-17-141980	GELC
R-44 S1	895.0	02/10/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0607	—	—	0.017	mg/L	Y	—	NQ	2017-1005	CAMO-17-129297	GELC
R-44 S1	895.0	11/07/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0443	—	—	0.017	mg/L	Y	J	U	2017-365	CAMO-17-127252	GELC
R-44 S1	895.0	07/26/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0731	—	—	0.017	mg/L	Y	—	NQ	2016-1796	CAMO-16-124296	GELC
R-44 S1	895.0	05/03/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0436	—	—	0.017	mg/L	Y	J	U	2016-1142	CAMO-16-115280	GELC
R-44 S1	895.0	02/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0319	—	—	0.017	mg/L	Y	J	U	2016-714	CAMO-16-110042	GELC
R-44 S1	895.0	08/03/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2	—	—	2	µg/L	Y	J	J	2017-2339	CAMO-17-141980	GELC
R-44 S1	895.0	02/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	1.71	—	—	1.7	µg/L	Y	J	J	2017-1005	CAMO-17-129297	GELC
R-44 S1	895.0	11/07/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	1.74	—	—	1.7	µg/L	Y	J	J	2017-365	CAMO-17-127252	GELC
R-44 S1	895.0	07/26/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	1.86	—	—	1.7	µg/L	Y	J	J	2016-1796	CAMO-16-124296	GELC
R-44 S1	895.0	05/03/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2016-1142	CAMO-16-115280	GELC
R-44 S1	895.0	02/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	1.97	—	—	1.7	µg/L	Y	J	J	2016-714	CAMO-16-110042	GELC
R-44 S1	895.0	12/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	19.6	—	—	1	µg/L	Y	—	NQ	2018-1305	CAMO-18-150340	GELC
R-44 S1	895.0	11/20/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	19.8	—	—	1	µg/L	Y	—	NQ	2018-1038	CAMO-18-148061	GELC
R-44 S1	895.0	10/30/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	19.2	—	—	1	µg/L	Y	—	NQ	2018-634	CAMO-18-147638	GELC
R-44 S1	895.0	08/03/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	19.8	—	—	1	µg/L	Y	—	NQ	2017-2339	CAMO-17-141980	GELC
R-44 S1	895.0	05/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	20.6	—	—	1	µg/L	Y	—	NQ	2017-1565	CAMO-17-132523	GELC
R-44 S1	895.0	02/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	19.5	—	—	1	µg/L	Y	—	NQ	2017-1005	CAMO-17-129297	GELC
R-44 S1	895.0	11/07/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	20	—	—	1	µg/L	Y	—	NQ	2017-365	CAMO-17-127252	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-44 S1	895.0	07/26/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	20.2	—	—	1	µg/L	Y	—	NQ	2016-1796	CAMO-16-124296	GELC
R-44 S1	895.0	05/03/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	20.8	—	—	1	µg/L	Y	—	NQ	2016-1142	CAMO-16-115280	GELC
R-44 S1	895.0	02/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	20.7	—	—	1	µg/L	Y	—	NQ	2016-714	CAMO-16-110042	GELC
R-44 S1	895.0	12/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.5	—	—	0.05	mg/L	Y	—	NQ	2018-1305	CAMO-18-150340	GELC
R-44 S1	895.0	11/20/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.9	—	—	0.05	mg/L	Y	—	NQ	2018-1038	CAMO-18-148061	GELC
R-44 S1	895.0	10/30/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.2	—	—	0.05	mg/L	Y	—	NQ	2018-634	CAMO-18-147638	GELC
R-44 S1	895.0	08/03/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.7	—	—	0.05	mg/L	Y	—	NQ	2017-2339	CAMO-17-141980	GELC
R-44 S1	895.0	05/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.5	—	—	0.05	mg/L	Y	—	NQ	2017-1565	CAMO-17-132523	GELC
R-44 S1	895.0	02/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12	—	—	0.05	mg/L	Y	—	NQ	2017-1005	CAMO-17-129297	GELC
R-44 S1	895.0	11/07/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.4	—	—	0.05	mg/L	Y	—	NQ	2017-365	CAMO-17-127252	GELC
R-44 S1	895.0	07/26/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.3	—	—	0.05	mg/L	Y	—	NQ	2016-1796	CAMO-16-124296	GELC
R-44 S1	895.0	05/03/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.5	—	—	0.05	mg/L	Y	—	NQ	2016-1142	CAMO-16-115280	GELC
R-44 S1	895.0	02/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.4	—	—	0.05	mg/L	Y	—	NQ	2016-714	CAMO-16-110042	GELC
R-44 S1	895.0	11/20/17	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.115	1.18	4.36	—	pCi/L	Y	U	U	2018-1038	CAMO-18-148077	GELC
R-44 S1	895.0	11/12/15	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.82	1.42	5.47	—	pCi/L	Y	U	U	2016-334	CAMO-16-106105	GELC
R-44 S1	895.0	11/05/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.475	1.56	5.7	—	pCi/L	Y	U	U	2015-238	CAMO-15-90216	GELC
R-44 S1	895.0	11/12/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.293	1.42	5.13	—	pCi/L	Y	U	U	2013-307	CAMO-13-24245	GELC
R-44 S1	895.0	07/14/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.39	1.6	5.6	—	pCi/L	Y	U	U	10-3703	CAMO-10-22866	GELC
R-44 S1	895.0	12/18/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.61	—	—	0.067	mg/L	Y	—	J+	2018-1305	CAMO-18-150340	GELC
R-44 S1	895.0	11/20/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.19	—	—	0.067	mg/L	Y	—	NQ	2018-1038	CAMO-18-148061	GELC
R-44 S1	895.0	10/30/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.39	—	—	0.067	mg/L	Y	—	NQ	2018-634	CAMO-18-147638	GELC
R-44 S1	895.0	08/03/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.31	—	—	0.067	mg/L	Y	—	NQ	2017-2339	CAMO-17-141980	GELC
R-44 S1	895.0	05/18/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.56	—	—	0.067	mg/L	Y	—	NQ	2017-1565	CAMO-17-132523	GELC
R-44 S1	895.0	02/10/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.23	—	—	0.067	mg/L	Y	—	NQ	2017-1005	CAMO-17-129297	GELC
R-44 S1	895.0	11/07/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.34	—	—	0.067	mg/L	Y	—	NQ	2017-365	CAMO-17-127252	GELC
R-44 S1	895.0	07/26/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.32	—	—	0.067	mg/L	Y	—	NQ	2016-1796	CAMO-16-124296	GELC
R-44 S1	895.0	05/03/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.42	—	—	0.067	mg/L	Y	—	NQ	2016-1142	CAMO-16-115280	GELC
R-44 S1	895.0	02/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.7	—	—	0.067	mg/L	Y	—	NQ	2016-714	CAMO-16-110042	GELC
R-44 S1	895.0	12/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	14.3	—	—	3	µg/L	Y	—	NQ	2018-1305	CAMO-18-150340	GELC
R-44 S1	895.0	11/20/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	15.2	—	—	3	µg/L	Y	—	NQ	2018-1038	CAMO-18-148061	GELC
R-44 S1	895.0	10/30/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	14.1	—	—	3	µg/L	Y	—	NQ	2018-634	CAMO-18-147638	GELC
R-44 S1	895.0	08/03/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	13.6	—	—	3	µg/L	Y	—	NQ	2017-2339	CAMO-17-141980	GELC
R-44 S1	895.0	05/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	13.9	—	—	3	µg/L	Y	—	NQ	2017-1565	CAMO-17-132523	GELC
R-44 S1	895.0	02/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	13.5	—	—	3	µg/L	Y	—	NQ	2017-1005	CAMO-17-129297	GELC
R-44 S1	895.0	11/07/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	14.1	—	—	3	µg/L	Y	—	NQ	2017-365	CAMO-17-127252	GELC
R-44 S1	895.0	07/26/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	13.8	—	—	2	µg/L	Y	—	NQ	2016-1796	CAMO-16-124296	GELC
R-44 S1	895.0	05/03/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	21.8	—	—	2	µg/L	Y	—	NQ	2016-1142	CAMO-16-115280	GELC
R-44 S1	895.0	02/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	17.6	—	—	2	µg/L	Y	—	NQ	2016-714	CAMO-16-110042	GELC
R-44 S1	895.0	05/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	0.85	—	—	—	%	Y	—	NQ	2017-2466	CAMO-17-132523	UIL
R-44 S1	895.0	11/07/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.05	—	—	—	%	Y	—	NQ	2017-650	CAMO-17-127252	UIL
R-44 S1	895.0	05/03/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	0.88	—	—	—	%	Y	—	NQ	2016-1262	CAMO-16-115280	UIL
R-44 S1	895.0	11/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	0.88	—	—	—	%	Y	—	NQ	2016-584	CAMO-16-106126	UIL
R-44 S1	895.0	11/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.05	—	—	—	%	Y	—	NQ	2015-560	CAMO-15-90233	UIL
R-44 S1	895.0	11/20/17	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.268	0.999	4.19	—	pCi/L	Y	U	U	2018-1038	CAMO-18-148077	GELC
R-44 S1	895.0	11/12/15	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.74	1.29	5.35	—	pCi/L	Y	U	U	2016-334	CAMO-16-106105	GELC
R-44 S1	895.0	11/05/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.03	1.92	7.58	—	pCi/L	Y	U	U	2015-238	CAMO-15-90216	GELC
R-44 S1	895.0	11/12/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.671	1.13	4.26	—	pCi/L	Y	U	U	2013-307	CAMO-13-24245	GELC
R-44 S1	895.0	07/14/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.239	1.4	4.7	—	pCi/L	Y	U	U	10-3703	CAMO-10-22866	GELC
R-44 S1	895.0	12/18/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.321	—	—	0.033	mg/L	Y	—	NQ	2018-1305	CAMO-18-150340	GELC
R-44 S1	895.0	11/20/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.275	—	—	0.033	mg/L	Y	—	NQ	2018-1038	CAMO-18-148061	GELC
R-44 S1	895.0	10/30/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.246	—	—	0.033	mg/L	Y	—	NQ	2018-634	CAMO-18-147638	GELC
R-44 S1	895.0	08/03/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.231	—	—	0.033	mg/L	Y	—	NQ	2017-2339	CAMO-17-141980	GELC
R-44 S1	895.0	05/18/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.321	—	—	0.033	mg/L	Y	—	NQ	2017-1565	CAMO-17-132523	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-44 S1	895.0	02/10/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.247	—	—	0.033	mg/L	Y	—	NQ	2017-1005	CAMO-17-129297	GELC
R-44 S1	895.0	11/07/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.242	—	—	0.033	mg/L	Y	—	NQ	2017-365	CAMO-17-127252	GELC
R-44 S1	895.0	07/26/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.246	—	—	0.033	mg/L	Y	—	NQ	2016-1796	CAMO-16-124296	GELC
R-44 S1	895.0	05/03/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.26	—	—	0.033	mg/L	Y	—	NQ	2016-1142	CAMO-16-115280	GELC
R-44 S1	895.0	02/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.213	—	—	0.066	mg/L	Y	—	NQ	2016-714	CAMO-16-110042	GELC
R-44 S1	895.0	11/20/17	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	2.83	0.934	2.31	—	pCi/L	Y	—	NQ	2018-1038	CAMO-18-148077	GELC
R-44 S1	895.0	11/12/15	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.944	0.485	2.39	—	pCi/L	Y	U	U	2016-334	CAMO-16-106105	GELC
R-44 S1	895.0	11/05/14	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.0273	0.705	2.87	—	pCi/L	Y	U	U	2015-238	CAMO-15-90216	GELC
R-44 S1	895.0	11/12/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1	0.706	2.36	—	pCi/L	Y	U	U	2013-307	CAMO-13-24245	GELC
R-44 S1	895.0	07/14/10	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.227	0.54	2.2	—	pCi/L	Y	U	U	10-3703	CAMO-10-22866	GELC
R-44 S1	895.0	11/20/17	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.27	0.68	2.17	—	pCi/L	Y	U	U	2018-1038	CAMO-18-148077	GELC
R-44 S1	895.0	11/12/15	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	5.35	1.02	2.94	—	pCi/L	Y	—	NQ	2016-334	CAMO-16-106105	GELC
R-44 S1	895.0	11/05/14	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.642	0.853	2.89	—	pCi/L	Y	U	U	2015-238	CAMO-15-90216	GELC
R-44 S1	895.0	11/12/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.56	0.933	2.82	—	pCi/L	Y	U	U	2013-307	CAMO-13-24245	GELC
R-44 S1	895.0	07/14/10	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	-0.404	0.64	2.6	—	pCi/L	Y	U	U	10-3703	CAMO-10-22866	GELC
R-44 S1	895.0	12/18/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	45.6	—	—	0.453	mg/L	Y	—	NQ	2018-1305	CAMO-18-150340	GELC
R-44 S1	895.0	11/20/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	43	—	—	0.453	mg/L	Y	—	NQ	2018-1038	CAMO-18-148061	GELC
R-44 S1	895.0	10/30/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	44.3	—	—	0.453	mg/L	Y	—	NQ	2018-634	CAMO-18-147638	GELC
R-44 S1	895.0	08/03/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	46.2	—	—	0.453	mg/L	Y	—	NQ	2017-2339	CAMO-17-141980	GELC
R-44 S1	895.0	05/18/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	45.3	—	—	0.453	mg/L	Y	—	NQ	2017-1565	CAMO-17-132523	GELC
R-44 S1	895.0	02/10/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	44.2	—	—	0.453	mg/L	Y	—	NQ	2017-1005	CAMO-17-129297	GELC
R-44 S1	895.0	11/07/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	45.1	—	—	0.453	mg/L	Y	—	NQ	2017-365	CAMO-17-127252	GELC
R-44 S1	895.0	07/26/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	44.8	—	—	0.453	mg/L	Y	—	NQ	2016-1796	CAMO-16-124296	GELC
R-44 S1	895.0	05/03/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	45.3	—	—	0.453	mg/L	Y	—	NQ	2016-1142	CAMO-16-115280	GELC
R-44 S1	895.0	02/09/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	45.4	—	—	0.453	mg/L	Y	—	NQ	2016-714	CAMO-16-110042	GELC
R-44 S1	895.0	12/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.46	—	—	0.11	mg/L	Y	—	NQ	2018-1305	CAMO-18-150340	GELC
R-44 S1	895.0	11/20/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.25	—	—	0.11	mg/L	Y	—	NQ	2018-1038	CAMO-18-148061	GELC
R-44 S1	895.0	10/30/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.35	—	—	0.11	mg/L	Y	—	NQ	2018-634	CAMO-18-147638	GELC
R-44 S1	895.0	08/03/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.5	—	—	0.11	mg/L	Y	—	NQ	2017-2339	CAMO-17-141980	GELC
R-44 S1	895.0	05/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.41	—	—	0.11	mg/L	Y	—	NQ	2017-1565	CAMO-17-132523	GELC
R-44 S1	895.0	02/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.47	—	—	0.11	mg/L	Y	—	NQ	2017-1005	CAMO-17-129297	GELC
R-44 S1	895.0	11/07/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.44	—	—	0.11	mg/L	Y	—	NQ	2017-365	CAMO-17-127252	GELC
R-44 S1	895.0	07/26/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.39	—	—	0.11	mg/L	Y	—	NQ	2016-1796	CAMO-16-124296	GELC
R-44 S1	895.0	05/03/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.45	—	—	0.11	mg/L	Y	—	NQ	2016-1142	CAMO-16-115280	GELC
R-44 S1	895.0	02/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.55	—	—	0.11	mg/L	Y	—	NQ	2016-714	CAMO-16-110042	GELC
R-44 S1	895.0	12/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.942	—	—	0.2	µg/L	Y	—	NQ	2018-1305	CAMO-18-150340	GELC
R-44 S1	895.0	11/20/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.937	—	—	0.2	µg/L	Y	—	NQ	2018-1038	CAMO-18-148061	GELC
R-44 S1	895.0	10/30/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.839	—	—	0.2	µg/L	Y	—	NQ	2018-634	CAMO-18-147638	GELC
R-44 S1	895.0	05/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.906	—	—	0.2	µg/L	Y	—	NQ	2017-1565	CAMO-17-132523	GELC
R-44 S1	895.0	02/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.906	—	—	0.3	µg/L	Y	—	NQ	2017-1005	CAMO-17-129297	GELC
R-44 S1	895.0	11/07/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.925	—	—	0.3	µg/L	Y	—	NQ	2017-365	CAMO-17-127252	GELC
R-44 S1	895.0	07/26/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.9	—	—	0.165	µg/L	Y	—	NQ	2016-1796	CAMO-16-124296	GELC
R-44 S1	895.0	05/03/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.974	—	—	0.165	µg/L	Y	—	NQ	2016-1142	CAMO-16-115280	GELC
R-44 S1	895.0	02/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.06	—	—	0.165	µg/L	Y	—	NQ	2016-714	CAMO-16-110042	GELC
R-44 S1	895.0	11/20/17	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.896	2.15	8.1	—	pCi/L	Y	U	U	2018-1038	CAMO-18-148077	GELC
R-44 S1	895.0	11/12/15	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	4.9	2.45	9.33	—	pCi/L	Y	U	U	2016-334	CAMO-16-106105	GELC
R-44 S1	895.0	11/05/14	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.36	3.18	11	—	pCi/L	Y	U	U	2015-238	CAMO-15-90216	GELC
R-44 S1	895.0	11/12/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.82	2.95	10.2	—	pCi/L	Y	U	U	2013-307	CAMO-13-24245	GELC
R-44 S1	895.0	07/14/10	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	4.53	3.2	11	—	pCi/L	Y	U	U	10-3703	CAMO-10-22866	GELC
R-44 S1	895.0	12/18/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.11	—	—	0.085	mg/L	Y	—	NQ	2018-1305	CAMO-18-150340	GELC
R-44 S1	895.0	11/20/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.17	—	—	0.017	mg/L	Y	—	NQ	2018-1038	CAMO-18-148061	GELC
R-44 S1	895.0	10/30/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.08	—	—	0.017	mg/L	Y	—	NQ	2018-634	CAMO-18-147638	GELC
R-44 S1	895.0	08/03/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.07	—	—	0.017	mg/L	Y	—	NQ	2017-2339	CAMO-17-141980	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-44 S1	895.0	05/18/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.18	—	—	0.017	mg/L	Y	—	NQ	2017-1565	CAMO-17-132523	GELC
R-44 S1	895.0	02/10/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.05	—	—	0.017	mg/L	Y	—	NQ	2017-1005	CAMO-17-129297	GELC
R-44 S1	895.0	11/07/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.09	—	—	0.017	mg/L	Y	—	NQ	2017-365	CAMO-17-127252	GELC
R-44 S1	895.0	07/26/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.07	—	—	0.017	mg/L	Y	—	NQ	2016-1796	CAMO-16-124296	GELC
R-44 S1	895.0	05/03/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.27	—	—	0.085	mg/L	Y	—	NQ	2016-1142	CAMO-16-115280	GELC
R-44 S1	895.0	02/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.06	—	—	0.017	mg/L	Y	—	NQ	2016-714	CAMO-16-110042	GELC
R-44 S1	895.0	05/18/17	WG	F	INIT	REG	GENERAL CHEMISTRY	Generic:Nitrogen Isotope Ratio	Nitrogen-15/Nitrogen-14 Ratio	N15N14	Y	1.6032	—	—	—	permil	Y	—	NQ	2017-1561	CAMO-17-132523	EES6
R-44 S1	895.0	11/07/16	WG	F	INIT	REG	GENERAL CHEMISTRY	Generic:Nitrogen Isotope Ratio	Nitrogen-15/Nitrogen-14 Ratio	N15N14	Y	4.2748	—	—	—	permil	Y	—	NQ	2017-364	CAMO-17-127252	EES6
R-44 S1	895.0	05/03/16	WG	F	INIT	REG	GENERAL CHEMISTRY	Generic:Nitrogen Isotope Ratio	Nitrogen-15/Nitrogen-14 Ratio	N15N14	Y	4.0021	—	—	—	permil	Y	—	NQ	2016-1144	CAMO-16-115280	EES6
R-44 S1	895.0	11/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	Generic:Nitrogen Isotope Ratio	Nitrogen-15/Nitrogen-14 Ratio	N15N14	Y	5.2669	—	—	—	permil	Y	—	NQ	2016-332	CAMO-16-106126	EES6
R-44 S1	895.0	11/05/14	WG	F	INIT	REG	GENERAL CHEMISTRY	Generic:Nitrogen Isotope Ratio	Nitrogen-15/Nitrogen-14 Ratio	N15N14	Y	3.26889	—	—	—	permil	Y	—	NQ	2015-234	CAMO-15-90233	EES6
R-44 S1	895.0	05/18/17	WG	F	INIT	REG	GENERAL CHEMISTRY	Generic:Oxygen Isotope Ratio	Oxygen-18/Oxygen-16 Ratio from Nitrate	O18O16-NO3	Y	-2.4579	—	—	—	permil	Y	—	NQ	2017-1561	CAMO-17-132523	EES6
R-44 S1	895.0	11/07/16	WG	F	INIT	REG	GENERAL CHEMISTRY	Generic:Oxygen Isotope Ratio	Oxygen-18/Oxygen-16 Ratio from Nitrate	O18O16-NO3	Y	-3.0246	—	—	—	permil	Y	—	NQ	2017-364	CAMO-17-127252	EES6
R-44 S1	895.0	05/03/16	WG	F	INIT	REG	GENERAL CHEMISTRY	Generic:Oxygen Isotope Ratio	Oxygen-18/Oxygen-16 Ratio from Nitrate	O18O16-NO3	Y	-1.6451	—	—	—	permil	Y	—	NQ	2016-1144	CAMO-16-115280	EES6
R-44 S1	895.0	11/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	Generic:Oxygen Isotope Ratio	Oxygen-18/Oxygen-16 Ratio from Nitrate	O18O16-NO3	Y	-1.1809	—	—	—	permil	Y	—	NQ	2016-332	CAMO-16-106126	EES6
R-44 S1	895.0	11/05/14	WG	F	INIT	REG	GENERAL CHEMISTRY	Generic:Oxygen Isotope Ratio	Oxygen-18/Oxygen-16 Ratio from Nitrate	O18O16-NO3	Y	-2.81032	—	—	—	permil	Y	—	NQ	2015-234	CAMO-15-90233	EES6
R-44 S1	895.0	12/18/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.45	—	—	0.05	µg/L	Y	—	NQ	2018-1305	CAMO-18-150340	GELC
R-44 S1	895.0	11/20/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.422	—	—	0.05	µg/L	Y	—	NQ	2018-1038	CAMO-18-148061	GELC
R-44 S1	895.0	10/30/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.406	—	—	0.05	µg/L	Y	—	NQ	2018-634	CAMO-18-147638	GELC
R-44 S1	895.0	08/03/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.41	—	—	0.05	µg/L	Y	—	NQ	2017-2339	CAMO-17-141980	GELC
R-44 S1	895.0	05/18/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.431	—	—	0.05	µg/L	Y	—	NQ	2017-1565	CAMO-17-132523	GELC
R-44 S1	895.0	02/10/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.455	—	—	0.05	µg/L	Y	—	NQ	2017-1005	CAMO-17-129297	GELC
R-44 S1	895.0	11/07/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.415	—	—	0.05	µg/L	Y	—	NQ	2017-365	CAMO-17-127252	GELC
R-44 S1	895.0	07/26/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.407	—	—	0.05	µg/L	Y	—	NQ	2016-1796	CAMO-16-124296	GELC
R-44 S1	895.0	05/03/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.461	—	—	0.05	µg/L	Y	—	NQ	2016-1142	CAMO-16-115280	GELC
R-44 S1	895.0	02/09/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.446	—	—	0.05	µg/L	Y	—	NQ	2016-714	CAMO-16-110042	GELC
R-44 S1	895.0	11/20/17	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00652	0.00721	0.032	—	pCi/L	Y	U	U	2018-1038	CAMO-18-148077	GELC
R-44 S1	895.0	11/12/15	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00000000119	0.00672	0.0278	—	pCi/L	Y	U	U	2016-334	CAMO-16-106105	GELC
R-44 S1	895.0	11/05/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00497	0.00702	0.0333	—	pCi/L	Y	U	U	2015-238	CAMO-15-90216	GELC
R-44 S1	895.0	11/12/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0066	0.00808	0.0317	—	pCi/L	Y	U	U	2013-307	CAMO-13-24245	GELC
R-44 S1	895.0	07/14/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00217	0.0031	0.029	—	pCi/L	Y	U	U	10-3703	CAMO-10-22866	GELC
R-44 S1	895.0	11/20/17	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00217	0.00841	0.0458	—	pCi/L	Y	U	U	2018-1038	CAMO-18-148077	GELC
R-44 S1	895.0	11/12/15	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00475	0.00751	0.0534	—	pCi/L	Y	U	U	2016-334	CAMO-16-106105	GELC
R-44 S1	895.0	11/05/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00248	0.0108	0.0491	—	pCi/L	Y	U	U	2015-238	CAMO-15-90216	GELC
R-44 S1	895.0	11/12/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0462	0.0148	0.0527	—	pCi/L	Y	U	U	2013-307	CAMO-13-24245	GELC
R-44 S1	895.0	07/14/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00217	0.0038	0.029	—	pCi/L	Y	U	U	10-3703	CAMO-10-22866	GELC
R-44 S1	895.0	12/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.07	—	—	0.05	mg/L	Y	—	NQ	2018-1305	CAMO-18-150340	GELC
R-44 S1	895.0	11/20/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.05	—	—	0.05	mg/L	Y	—	NQ	2018-1038	CAMO-18-148061	GELC
R-44 S1	895.0	10/30/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.998	—	—	0.05	mg/L	Y	—	NQ	2018-634	CAMO-18-147638	GELC
R-44 S1	895.0	08/03/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.03	—	—	0.05	mg/L	Y	—	NQ	2017-2339	CAMO-17-141980	GELC
R-44 S1	895.0	05/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.11	—	—	0.05	mg/L	Y	—	NQ	2017-1565	CAMO-17-132523	GELC
R-44 S1	895.0	02/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.04	—	—	0.05	mg/L	Y	—	NQ	2017-1005	CAMO-17-129297	GELC
R-44 S1	895.0	11/07/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.06	—	—	0.05	mg/L	Y	—	NQ	2017-365	CAMO-17-127252	GELC
R-44 S1	895.0	07/26/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.01	—	—	0.05	mg/L	Y	—	NQ	2016-1796	CAMO-16-124296	GELC
R-44 S1	895.0	05/03/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.21	—	—	0.05	mg/L	Y	—	NQ	2016-1142	CAMO-16-115280	GELC
R-44 S1	895.0	02/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.17	—	—	0.05	mg/L	Y	—	NQ	2016-714	CAMO-16-110042	GELC
R-44 S1	895.0	11/20/17	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	22	16.2	68.1	—	pCi/L	Y	U	U	2018-1038	CAMO-18-148077	GELC
R-44 S1	895.0	11/12/15	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-16.6	15.8	60.3	—	pCi/L	Y	U	U	2016-334	CAMO-16-106105	GELC
R-44 S1	895.0	11/05/14	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	11.5	20.6	82	—	pCi/L	Y	U	U	2015-238	CAMO-15-90216	GELC
R-44 S1	895.0	11/12/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-3.32	18.4	74.5	—	pCi/L	Y	U	U	2013-307	CAMO-13-24245	GELC
R-44 S1	895.0	07/14/10	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	25.3	18	46	—	pCi/L	Y	U	U	10-3703	CAMO-10-22866	GELC
R-44 S1	895.0	12/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	64.9	—	—	0.053	mg/L	Y	—	NQ	2018-1305	CAMO-18-150340	GELC
R-44 S1	895.0	11/20/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	64.6	—	—	0.053	mg/L	Y	—	NQ	2018-1038	CAMO-18-148061	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-44 S1	895.0	10/30/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	61.7	—	—	0.053	mg/L	Y	—	NQ	2018-634	CAMO-18-147638	GELC
R-44 S1	895.0	08/03/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	64.1	—	—	0.053	mg/L	Y	—	NQ	2017-2339	CAMO-17-141980	GELC
R-44 S1	895.0	05/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.2	—	—	0.053	mg/L	Y	—	NQ	2017-1565	CAMO-17-132523	GELC
R-44 S1	895.0	02/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.9	—	—	0.053	mg/L	Y	—	NQ	2017-1005	CAMO-17-129297	GELC
R-44 S1	895.0	11/07/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	64.9	—	—	0.053	mg/L	Y	—	NQ	2017-365	CAMO-17-127252	GELC
R-44 S1	895.0	07/26/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	69	—	—	0.053	mg/L	Y	—	NQ	2016-1796	CAMO-16-124296	GELC
R-44 S1	895.0	05/03/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.6	—	—	0.053	mg/L	Y	—	NQ	2016-1142	CAMO-16-115280	GELC
R-44 S1	895.0	02/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.9	—	—	0.053	mg/L	Y	—	NQ	2016-714	CAMO-16-110042	GELC
R-44 S1	895.0	12/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	8.96	—	—	0.1	mg/L	Y	—	NQ	2018-1305	CAMO-18-150340	GELC
R-44 S1	895.0	11/20/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	8.5	—	—	0.1	mg/L	Y	—	NQ	2018-1038	CAMO-18-148061	GELC
R-44 S1	895.0	10/30/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	8.83	—	—	0.1	mg/L	Y	—	NQ	2018-634	CAMO-18-147638	GELC
R-44 S1	895.0	08/03/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.58	—	—	0.1	mg/L	Y	—	NQ	2017-2339	CAMO-17-141980	GELC
R-44 S1	895.0	05/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.28	—	—	0.1	mg/L	Y	—	NQ	2017-1565	CAMO-17-132523	GELC
R-44 S1	895.0	02/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.7	—	—	0.1	mg/L	Y	E	NQ	2017-1005	CAMO-17-129297	GELC
R-44 S1	895.0	11/07/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	8.97	—	—	0.1	mg/L	Y	E	NQ	2017-365	CAMO-17-127252	GELC
R-44 S1	895.0	07/26/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.37	—	—	0.1	mg/L	Y	EN	NQ	2016-1796	CAMO-16-124296	GELC
R-44 S1	895.0	05/03/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.5	—	—	0.1	mg/L	Y	—	NQ	2016-1142	CAMO-16-115280	GELC
R-44 S1	895.0	02/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.21	—	—	0.1	mg/L	Y	—	NQ	2016-714	CAMO-16-110042	GELC
R-44 S1	895.0	11/20/17	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.509	0.918	3.56	—	pCi/L	Y	U	U	2018-1038	CAMO-18-148077	GELC
R-44 S1	895.0	11/12/15	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.552	1.16	4.25	—	pCi/L	Y	U	U	2016-334	CAMO-16-106105	GELC
R-44 S1	895.0	11/05/14	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.671	1.49	5.84	—	pCi/L	Y	U	U	2015-238	CAMO-15-90216	GELC
R-44 S1	895.0	11/12/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.628	1.66	6.16	—	pCi/L	Y	U	U	2013-307	CAMO-13-24245	GELC
R-44 S1	895.0	07/14/10	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.0444	1.6	5.5	—	pCi/L	Y	U	U	10-3703	CAMO-10-22866	GELC
R-44 S1	895.0	12/18/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	136	—	—	1	µS/cm	Y	—	NQ	2018-1305	CAMO-18-150340	GELC
R-44 S1	895.0	11/20/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	148	—	—	1	µS/cm	Y	—	NQ	2018-1038	CAMO-18-148061	GELC
R-44 S1	895.0	10/30/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	162	—	—	1	µS/cm	Y	—	NQ	2018-634	CAMO-18-147638	GELC
R-44 S1	895.0	08/03/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	142	—	—	1	µS/cm	Y	—	NQ	2017-2339	CAMO-17-141980	GELC
R-44 S1	895.0	05/18/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	127	—	—	1	µS/cm	Y	—	NQ	2017-1565	CAMO-17-132523	GELC
R-44 S1	895.0	02/10/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	133	—	—	1	µS/cm	Y	—	NQ	2017-1005	CAMO-17-129297	GELC
R-44 S1	895.0	11/07/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	134	—	—	1	µS/cm	Y	—	NQ	2017-365	CAMO-17-127252	GELC
R-44 S1	895.0	07/26/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	128	—	—	3.63	µS/cm	Y	—	NQ	2016-1796	CAMO-16-124296	GELC
R-44 S1	895.0	05/03/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	153	—	—	1	µS/cm	Y	—	NQ	2016-1142	CAMO-16-115280	GELC
R-44 S1	895.0	02/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	158	—	—	1	µS/cm	Y	—	NQ	2016-714	CAMO-16-110042	GELC
R-44 S1	895.0	12/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	52.8	—	—	1	µg/L	Y	—	NQ	2018-1305	CAMO-18-150340	GELC
R-44 S1	895.0	11/20/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	53.1	—	—	1	µg/L	Y	—	NQ	2018-1038	CAMO-18-148061	GELC
R-44 S1	895.0	10/30/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	52	—	—	1	µg/L	Y	—	NQ	2018-634	CAMO-18-147638	GELC
R-44 S1	895.0	08/03/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	53.5	—	—	1	µg/L	Y	—	NQ	2017-2339	CAMO-17-141980	GELC
R-44 S1	895.0	05/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	54.5	—	—	1	µg/L	Y	—	NQ	2017-1565	CAMO-17-132523	GELC
R-44 S1	895.0	02/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	50.6	—	—	1	µg/L	Y	—	NQ	2017-1005	CAMO-17-129297	GELC
R-44 S1	895.0	11/07/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	57.9	—	—	1	µg/L	Y	—	NQ	2017-365	CAMO-17-127252	GELC
R-44 S1	895.0	07/26/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	55.6	—	—	1	µg/L	Y	—	NQ	2016-1796	CAMO-16-124296	GELC
R-44 S1	895.0	05/03/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	53.6	—	—	1	µg/L	Y	—	NQ	2016-1142	CAMO-16-115280	GELC
R-44 S1	895.0	02/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	50.8	—	—	1	µg/L	Y	—	NQ	2016-714	CAMO-16-110042	GELC
R-44 S1	895.0	11/20/17	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0922	0.132	0.479	—	pCi/L	Y	U	U	2018-1038	CAMO-18-148077	GELC
R-44 S1	895.0	11/12/15	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.3	0.116	0.483	—	pCi/L	Y	U	U	2016-334	CAMO-16-106105	GELC
R-44 S1	895.0	11/05/14	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0483	0.136	0.496	—	pCi/L	Y	U	U	2015-238	CAMO-15-90216	GELC
R-44 S1	895.0	11/12/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.229	0.129	0.493	—	pCi/L	Y	U	U	2013-307	CAMO-13-24245	GELC
R-44 S1	895.0	07/14/10	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.246	0.14	0.47	—	pCi/L	Y	U	U	10-3703	CAMO-10-22866	GELC
R-44 S1	895.0	12/18/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.75	—	—	0.133	mg/L	Y	—	NQ	2018-1305	CAMO-18-150340	GELC
R-44 S1	895.0	11/20/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.22	—	—	0.133	mg/L	Y	—	NQ	2018-1038	CAMO-18-148061	GELC
R-44 S1	895.0	10/30/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.35	—	—	0.133	mg/L	Y	—	NQ	2018-634	CAMO-18-147638	GELC
R-44 S1	895.0	08/03/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.38	—	—	0.133	mg/L	Y	—	NQ	2017-2339	CAMO-17-141980	GELC
R-44 S1	895.0	05/18/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.64	—	—	0.133	mg/L	Y	—	NQ	2017-1565	CAMO-17-132523	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-44 S1	895.0	02/10/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.15	—	—	0.133	mg/L	Y	—	NQ	2017-1005	CAMO-17-129297	GELC
R-44 S1	895.0	11/07/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.22	—	—	0.133	mg/L	Y	—	NQ	2017-365	CAMO-17-127252	GELC
R-44 S1	895.0	07/26/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.37	—	—	0.133	mg/L	Y	—	NQ	2016-1796	CAMO-16-124296	GELC
R-44 S1	895.0	05/03/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.6	—	—	0.133	mg/L	Y	—	NQ	2016-1142	CAMO-16-115280	GELC
R-44 S1	895.0	02/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.49	—	—	0.133	mg/L	Y	—	NQ	2016-714	CAMO-16-110042	GELC
R-44 S1	895.0	12/18/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-1305	CAMO-18-150340	GELC
R-44 S1	895.0	12/18/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-1305	CAMO-18-150348	GELC
R-44 S1	895.0	11/20/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-1038	CAMO-18-148077	GELC
R-44 S1	895.0	11/20/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-1038	CAMO-18-148061	GELC
R-44 S1	895.0	10/30/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-634	CAMO-18-147638	GELC
R-44 S1	895.0	10/30/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-634	CAMO-18-147653	GELC
R-44 S1	895.0	08/03/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	5	—	—	—	deg C	Y	—	NQ	2017-2339	CAMO-17-142308	GELC
R-44 S1	895.0	08/03/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	5	—	—	—	deg C	Y	—	NQ	2017-2339	CAMO-17-141980	GELC
R-44 S1	895.0	05/18/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2017-1565	CAMO-17-132523	GELC
R-44 S1	895.0	05/18/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2017-1565	CAMO-17-133048	GELC
R-44 S1	895.0	12/18/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	98.6	—	—	3.4	mg/L	Y	—	NQ	2018-1305	CAMO-18-150340	GELC
R-44 S1	895.0	11/20/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	141	—	—	3.4	mg/L	Y	—	NQ	2018-1038	CAMO-18-148061	GELC
R-44 S1	895.0	10/30/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	140	—	—	3.4	mg/L	Y	—	NQ	2018-634	CAMO-18-147638	GELC
R-44 S1	895.0	08/03/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	137	—	—	3.4	mg/L	Y	—	NQ	2017-2339	CAMO-17-141980	GELC
R-44 S1	895.0	05/18/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	150	—	—	3.4	mg/L	Y	—	NQ	2017-1565	CAMO-17-132523	GELC
R-44 S1	895.0	02/10/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	129	—	—	3.4	mg/L	Y	—	NQ	2017-1005	CAMO-17-129297	GELC
R-44 S1	895.0	11/07/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	85.7	—	—	3.4	mg/L	Y	—	NQ	2017-365	CAMO-17-127252	GELC
R-44 S1	895.0	07/26/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	134	—	—	3.4	mg/L	Y	—	NQ	2016-1796	CAMO-16-124296	GELC
R-44 S1	895.0	05/03/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	169	—	—	3.4	mg/L	Y	—	J	2016-1142	CAMO-16-115280	GELC
R-44 S1	895.0	02/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	181	—	—	3.4	mg/L	Y	—	NQ	2016-714	CAMO-16-110042	GELC
R-44 S1	895.0	05/18/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0512	—	—	0.033	mg/L	Y	J	J	2017-1565	CAMO-17-133048	GELC
R-44 S1	895.0	02/10/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2017-1005	CAMO-17-129313	GELC
R-44 S1	895.0	11/07/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2017-365	CAMO-17-127232	GELC
R-44 S1	895.0	07/26/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2016-1796	CAMO-16-124272	GELC
R-44 S1	895.0	05/03/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.104	—	—	0.033	mg/L	Y	—	NQ	2016-1142	CAMO-16-115257	GELC
R-44 S1	895.0	12/18/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.342	—	—	0.33	mg/L	Y	J	J	2018-1305	CAMO-18-150348	GELC
R-44 S1	895.0	11/20/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	2018-1038	CAMO-18-148077	GELC
R-44 S1	895.0	10/30/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	2018-634	CAMO-18-147653	GELC
R-44 S1	895.0	08/03/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	2017-2339	CAMO-17-142308	GELC
R-44 S1	895.0	05/18/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	1	—	—	0.33	mg/L	Y	U	U	2017-1565	CAMO-17-133048	GELC
R-44 S1	895.0	12/18/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.214	—	—	0.02	mg/L	Y	—	NQ	2018-1305	CAMO-18-150340	GELC
R-44 S1	895.0	11/20/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.287	—	—	0.02	mg/L	Y	—	NQ	2018-1038	CAMO-18-148061	GELC
R-44 S1	895.0	02/10/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.125	—	—	0.02	mg/L	Y	—	NQ	2017-1005	CAMO-17-129297	GELC
R-44 S1	895.0	11/07/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0332	—	—	0.02	mg/L	Y	J	J	2017-365	CAMO-17-127252	GELC
R-44 S1	895.0	07/26/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0279	—	—	0.02	mg/L	Y	J	J	2016-1796	CAMO-16-124296	GELC
R-44 S1	895.0	05/03/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.05	—	—	0.02	mg/L	Y	U	U	2016-1142	CAMO-16-115280	GELC
R-44 S1	895.0	02/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0181	—	—	0.017	mg/L	Y	J	J	2016-714	CAMO-16-110042	GELC
R-44 S1	895.0	11/20/17	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.82	0.822	2.705	—	pCi/L	Y	U	U	2018-1067	CAMO-18-148077	ARSL
R-44 S1	895.0	08/03/17	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.033	0.998	3.279	—	pCi/L	Y	U	U	2017-2444	CAMO-17-142308	ARSL
R-44 S1	895.0	05/18/17	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.696	0.795	2.716	—	pCi/L	Y	U	U	2017-1618	CAMO-17-133048	ARSL
R-44 S1	895.0	11/07/16	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-1.168	0.602	2.047	—	pCi/L	Y	U	U	2017-400	CAMO-17-127232	ARSL
R-44 S1	895.0	11/12/15	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.852	0.786	2.579	—	pCi/L	Y	U	U	2016-379	CAMO-16-106105	ARSL
R-44 S1	895.0	11/05/14	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	3.221	0.852	2.158	—	pCi/L	Y	—	NQ	2015-313	CAMO-15-90216	ARSL
R-44 S1	895.0	11/06/13	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.822	0.655	2.131	—	pCi/L	Y	U	U	2014-2413	CAMO-14-45750	ARSL
R-44 S1	895.0	12/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.433	—	—	0.067	µg/L	Y	—	NQ	2018-1305	CAMO-18-150340	GELC
R-44 S1	895.0	11/20/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.429	—	—	0.067	µg/L	Y	—	NQ	2018-1038	CAMO-18-148061	GELC
R-44 S1	895.0	10/30/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.399	—	—	0.067	µg/L	Y	—	NQ	2018-634	CAMO-18-147638	GELC
R-44 S1	895.0	08/03/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.401	—	—	0.067	µg/L	Y	—	NQ	2017-2339	CAMO-17-141980	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-44 S1	895.0	05/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.414	—	—	0.067	µg/L	Y	—	NQ	2017-1565	CAMO-17-132523	GELC
R-44 S1	895.0	02/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.454	—	—	0.067	µg/L	Y	—	NQ	2017-1005	CAMO-17-129297	GELC
R-44 S1	895.0	11/07/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.459	—	—	0.067	µg/L	Y	—	NQ	2017-365	CAMO-17-127252	GELC
R-44 S1	895.0	07/26/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.434	—	—	0.067	µg/L	Y	—	NQ	2016-1796	CAMO-16-124296	GELC
R-44 S1	895.0	05/03/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.501	—	—	0.067	µg/L	Y	—	NQ	2016-1142	CAMO-16-115280	GELC
R-44 S1	895.0	02/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.455	—	—	0.067	µg/L	Y	—	NQ	2016-714	CAMO-16-110042	GELC
R-44 S1	895.0	11/20/17	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.363	0.0312	0.119	—	pCi/L	Y	—	NQ	2018-1038	CAMO-18-148077	GELC
R-44 S1	895.0	11/12/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.264	0.027	0.087	—	pCi/L	Y	—	NQ	2016-334	CAMO-16-106105	GELC
R-44 S1	895.0	11/05/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.264	0.0284	0.0491	—	pCi/L	Y	—	J	2015-238	CAMO-15-90216	GELC
R-44 S1	895.0	11/12/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.213	0.0306	0.0778	—	pCi/L	Y	—	J	2013-307	CAMO-13-24245	GELC
R-44 S1	895.0	07/14/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.251	0.032	0.068	—	pCi/L	Y	—	NQ	10-3703	CAMO-10-22866	GELC
R-44 S1	895.0	11/20/17	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0768	0.0162	0.0514	—	pCi/L	Y	—	NQ	2018-1038	CAMO-18-148077	GELC
R-44 S1	895.0	11/12/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00329	0.0057	0.0759	—	pCi/L	Y	U	U	2016-334	CAMO-16-106105	GELC
R-44 S1	895.0	11/05/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0267	0.0115	0.0428	—	pCi/L	Y	U	U	2015-238	CAMO-15-90216	GELC
R-44 S1	895.0	11/12/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0	0.0102	0.0486	—	pCi/L	Y	U	U	2013-307	CAMO-13-24245	GELC
R-44 S1	895.0	07/14/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0098	0.0057	0.041	—	pCi/L	Y	U	U	10-3703	CAMO-10-22866	GELC
R-44 S1	895.0	11/20/17	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.172	0.0219	0.0696	—	pCi/L	Y	—	J	2018-1038	CAMO-18-148077	GELC
R-44 S1	895.0	11/12/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.128	0.0188	0.0859	—	pCi/L	Y	—	NQ	2016-334	CAMO-16-106105	GELC
R-44 S1	895.0	11/05/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.158	0.0203	0.0471	—	pCi/L	Y	—	NQ	2015-238	CAMO-15-90216	GELC
R-44 S1	895.0	11/12/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.121	0.0207	0.0528	—	pCi/L	Y	—	J	2013-307	CAMO-13-24245	GELC
R-44 S1	895.0	07/14/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.137	0.021	0.047	—	pCi/L	Y	—	NQ	10-3703	CAMO-10-22866	GELC
R-44 S1	895.0	12/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.31	—	—	1	µg/L	Y	—	NQ	2018-1305	CAMO-18-150340	GELC
R-44 S1	895.0	11/20/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.48	—	—	1	µg/L	Y	J	J	2018-1038	CAMO-18-148061	GELC
R-44 S1	895.0	10/30/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.58	—	—	1	µg/L	Y	J	J	2018-634	CAMO-18-147638	GELC
R-44 S1	895.0	08/03/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.5	—	—	1	µg/L	Y	J	J	2017-2339	CAMO-17-141980	GELC
R-44 S1	895.0	05/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.69	—	—	1	µg/L	Y	J	J	2017-1565	CAMO-17-132523	GELC
R-44 S1	895.0	02/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.18	—	—	1	µg/L	Y	J	J	2017-1005	CAMO-17-129297	GELC
R-44 S1	895.0	11/07/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.7	—	—	1	µg/L	Y	J	J	2017-365	CAMO-17-127252	GELC
R-44 S1	895.0	07/26/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.07	—	—	1	µg/L	Y	—	NQ	2016-1796	CAMO-16-124296	GELC
R-44 S1	895.0	05/03/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.73	—	—	1	µg/L	Y	J	J	2016-1142	CAMO-16-115280	GELC
R-44 S1	895.0	02/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.96	—	—	1	µg/L	Y	J	J	2016-714	CAMO-16-110042	GELC
R-44 S2	985.3	12/18/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.91	—	—	0.01	SU	Y	H	NQ	2018-1305	CAMO-18-150341	GELC
R-44 S2	985.3	11/20/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.97	—	—	0.01	SU	Y	H	NQ	2018-1038	CAMO-18-148062	GELC
R-44 S2	985.3	10/30/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.94	—	—	0.01	SU	Y	H	NQ	2018-634	CAMO-18-147639	GELC
R-44 S2	985.3	08/03/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.01	—	—	0.01	SU	Y	H	NQ	2017-2339	CAMO-17-141981	GELC
R-44 S2	985.3	05/18/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.05	—	—	0.01	SU	Y	H	NQ	2017-1565	CAMO-17-132210	GELC
R-44 S2	985.3	02/17/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.01	—	—	0.01	SU	Y	H	NQ	2017-1054	CAMO-17-129298	GELC
R-44 S2	985.3	11/07/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.02	—	—	0.01	SU	Y	H	NQ	2017-365	CAMO-17-127253	GELC
R-44 S2	985.3	07/26/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.96	—	—	0.01	SU	Y	H	NQ	2016-1796	CAMO-16-124297	GELC
R-44 S2	985.3	05/03/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.11	—	—	0.01	SU	Y	H	NQ	2016-1142	CAMO-16-115281	GELC
R-44 S2	985.3	02/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8	—	—	0.01	SU	Y	H	NQ	2016-714	CAMO-16-110043	GELC
R-44 S2	985.3	12/18/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.8	—	—	1.45	mg/L	Y	—	NQ	2018-1305	CAMO-18-150341	GELC
R-44 S2	985.3	11/20/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.5	—	—	1.45	mg/L	Y	—	NQ	2018-1038	CAMO-18-148062	GELC
R-44 S2	985.3	10/30/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.7	—	—	1.45	mg/L	Y	—	NQ	2018-634	CAMO-18-147639	GELC
R-44 S2	985.3	08/03/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.1	—	—	1.45	mg/L	Y	—	NQ	2017-2339	CAMO-17-141981	GELC
R-44 S2	985.3	05/18/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.6	—	—	1.45	mg/L	Y	—	NQ	2017-1565	CAMO-17-132210	GELC
R-44 S2	985.3	02/17/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	67	—	—	1.45	mg/L	Y	—	NQ	2017-1054	CAMO-17-129298	GELC
R-44 S2	985.3	11/07/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66.8	—	—	1.45	mg/L	Y	—	NQ	2017-365	CAMO-17-127253	GELC
R-44 S2	985.3	07/26/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	69.3	—	—	1.45	mg/L	Y	—	NQ	2016-1796	CAMO-16-124297	GELC
R-44 S2	985.3	05/03/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63	—	—	0.725	mg/L	Y	—	NQ	2016-1142	CAMO-16-115281	GELC
R-44 S2	985.3	02/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.5	—	—	0.725	mg/L	Y	—	NQ	2016-714	CAMO-16-110043	GELC
R-44 S2	985.3	11/20/17	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00373	0.00645	0.0332	—	pCi/L	Y	U	U	2018-1038	CAMO-18-148078	GELC
R-44 S2	985.3	11/12/15	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0047	0.00743	0.0317	—	pCi/L	Y	U	U	2016-334	CAMO-16-106106	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-44 S2	985.3	11/05/14	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0031	0.0082	0.0647	—	pCi/L	Y	U	U	2015-238	CAMO-15-90217	GELC
R-44 S2	985.3	11/12/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00204	0.00456	0.0369	—	pCi/L	Y	U	U	2013-307	CAMO-13-24246	GELC
R-44 S2	985.3	07/14/10	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00664	0.0033	0.032	—	pCi/L	Y	U	U	10-3703	CAMO-10-22868	GELC
R-44 S2	985.3	07/14/10	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0135	0.0051	0.032	—	pCi/L	Y	U	U	10-3703	CAMO-10-22871	GELC
R-44 S2	985.3	10/30/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0197	—	—	0.017	mg/L	Y	J	J	2018-634	CAMO-18-147639	GELC
R-44 S2	985.3	05/18/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.167	—	—	0.017	mg/L	Y	—	J	2017-1565	CAMO-17-132210	GELC
R-44 S2	985.3	02/17/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0617	—	—	0.017	mg/L	Y	—	NQ	2017-1054	CAMO-17-129298	GELC
R-44 S2	985.3	11/07/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0217	—	—	0.017	mg/L	Y	J	U	2017-365	CAMO-17-127253	GELC
R-44 S2	985.3	07/26/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.017	mg/L	Y	U	U	2016-1796	CAMO-16-124297	GELC
R-44 S2	985.3	05/03/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.12	—	—	0.017	mg/L	Y	—	U	2016-1142	CAMO-16-115281	GELC
R-44 S2	985.3	02/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.017	mg/L	Y	U	U	2016-714	CAMO-16-110043	GELC
R-44 S2	985.3	12/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	21.2	—	—	1	µg/L	Y	—	NQ	2018-1305	CAMO-18-150341	GELC
R-44 S2	985.3	11/20/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	21.7	—	—	1	µg/L	Y	—	NQ	2018-1038	CAMO-18-148062	GELC
R-44 S2	985.3	10/30/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	21.1	—	—	1	µg/L	Y	—	NQ	2018-634	CAMO-18-147639	GELC
R-44 S2	985.3	08/03/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	20.7	—	—	1	µg/L	Y	—	NQ	2017-2339	CAMO-17-141981	GELC
R-44 S2	985.3	05/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	21.8	—	—	1	µg/L	Y	—	NQ	2017-1565	CAMO-17-132210	GELC
R-44 S2	985.3	02/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	21.4	—	—	1	µg/L	Y	—	NQ	2017-1054	CAMO-17-129298	GELC
R-44 S2	985.3	11/07/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	22.5	—	—	1	µg/L	Y	—	NQ	2017-365	CAMO-17-127253	GELC
R-44 S2	985.3	07/26/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	21.8	—	—	1	µg/L	Y	—	NQ	2016-1796	CAMO-16-124297	GELC
R-44 S2	985.3	05/03/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	23.1	—	—	1	µg/L	Y	—	NQ	2016-1142	CAMO-16-115281	GELC
R-44 S2	985.3	02/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	23.7	—	—	1	µg/L	Y	—	NQ	2016-714	CAMO-16-110043	GELC
R-44 S2	985.3	02/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	16.4	—	—	15	µg/L	Y	J	J	2017-1054	CAMO-17-129298	GELC
R-44 S2	985.3	11/07/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	50	—	—	15	µg/L	Y	U	U	2017-365	CAMO-17-127253	GELC
R-44 S2	985.3	07/26/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	50	—	—	15	µg/L	Y	U	U	2016-1796	CAMO-16-124297	GELC
R-44 S2	985.3	05/03/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	15.5	—	—	15	µg/L	Y	J	J	2016-1142	CAMO-16-115281	GELC
R-44 S2	985.3	02/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	50	—	—	15	µg/L	Y	U	U	2016-714	CAMO-16-110043	GELC
R-44 S2	985.3	12/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.9	—	—	0.05	mg/L	Y	—	NQ	2018-1305	CAMO-18-150341	GELC
R-44 S2	985.3	11/20/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.4	—	—	0.05	mg/L	Y	—	NQ	2018-1038	CAMO-18-148062	GELC
R-44 S2	985.3	10/30/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	13.2	—	—	0.05	mg/L	Y	—	NQ	2018-634	CAMO-18-147639	GELC
R-44 S2	985.3	08/03/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.8	—	—	0.05	mg/L	Y	—	NQ	2017-2339	CAMO-17-141981	GELC
R-44 S2	985.3	05/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.6	—	—	0.05	mg/L	Y	—	NQ	2017-1565	CAMO-17-132210	GELC
R-44 S2	985.3	02/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.9	—	—	0.05	mg/L	Y	—	NQ	2017-1054	CAMO-17-129298	GELC
R-44 S2	985.3	11/07/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	13.5	—	—	0.05	mg/L	Y	—	NQ	2017-365	CAMO-17-127253	GELC
R-44 S2	985.3	07/26/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.8	—	—	0.05	mg/L	Y	—	NQ	2016-1796	CAMO-16-124297	GELC
R-44 S2	985.3	05/03/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.9	—	—	0.05	mg/L	Y	—	NQ	2016-1142	CAMO-16-115281	GELC
R-44 S2	985.3	02/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.8	—	—	0.05	mg/L	Y	—	NQ	2016-714	CAMO-16-110043	GELC
R-44 S2	985.3	11/20/17	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.709	1.39	5.01	—	pCi/L	Y	U	U	2018-1038	CAMO-18-148078	GELC
R-44 S2	985.3	11/12/15	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.16	1.67	5.9	—	pCi/L	Y	U	U	2016-334	CAMO-16-106106	GELC
R-44 S2	985.3	11/05/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.252	1.63	6.02	—	pCi/L	Y	U	U	2015-238	CAMO-15-90217	GELC
R-44 S2	985.3	11/12/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.26	1.48	5.25	—	pCi/L	Y	U	U	2013-307	CAMO-13-24246	GELC
R-44 S2	985.3	07/14/10	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.511	1.8	5.8	—	pCi/L	Y	U	U	10-3703	CAMO-10-22871	GELC
R-44 S2	985.3	07/14/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.59	1.5	4.4	—	pCi/L	Y	U	U	10-3703	CAMO-10-22868	GELC
R-44 S2	985.3	12/18/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.52	—	—	0.067	mg/L	Y	—	J+	2018-1305	CAMO-18-150341	GELC
R-44 S2	985.3	11/20/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.08	—	—	0.067	mg/L	Y	—	NQ	2018-1038	CAMO-18-148062	GELC
R-44 S2	985.3	10/30/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.32	—	—	0.067	mg/L	Y	—	NQ	2018-634	CAMO-18-147639	GELC
R-44 S2	985.3	08/03/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.19	—	—	0.067	mg/L	Y	—	NQ	2017-2339	CAMO-17-141981	GELC
R-44 S2	985.3	05/18/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.4	—	—	0.067	mg/L	Y	—	NQ	2017-1565	CAMO-17-132210	GELC
R-44 S2	985.3	02/17/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.14	—	—	0.067	mg/L	Y	—	NQ	2017-1054	CAMO-17-129298	GELC
R-44 S2	985.3	11/07/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.34	—	—	0.067	mg/L	Y	—	NQ	2017-365	CAMO-17-127253	GELC
R-44 S2	985.3	07/26/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.29	—	—	0.067	mg/L	Y	—	NQ	2016-1796	CAMO-16-124297	GELC
R-44 S2	985.3	05/03/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.3	—	—	0.067	mg/L	Y	—	NQ	2016-1142	CAMO-16-115281	GELC
R-44 S2	985.3	02/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.31	—	—	0.067	mg/L	Y	—	NQ	2016-714	CAMO-16-110043	GELC
R-44 S2	985.3	12/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	7.86	—	—	3	µg/L	Y	J	J	2018-1305	CAMO-18-150341	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-44 S2	985.3	11/20/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	7.26	—	—	3	µg/L	Y	J	J	2018-1038	CAMO-18-148062	GELC
R-44 S2	985.3	10/30/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	7.75	—	—	3	µg/L	Y	J	J	2018-634	CAMO-18-147639	GELC
R-44 S2	985.3	08/03/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.95	—	—	3	µg/L	Y	J	J	2017-2339	CAMO-17-141981	GELC
R-44 S2	985.3	05/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	6	—	—	3	µg/L	Y	J	J	2017-1565	CAMO-17-132210	GELC
R-44 S2	985.3	02/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	8.19	—	—	3	µg/L	Y	J	J	2017-1054	CAMO-17-129298	GELC
R-44 S2	985.3	11/07/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	6.8	—	—	3	µg/L	Y	J	J	2017-365	CAMO-17-127253	GELC
R-44 S2	985.3	07/26/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	7.01	—	—	2	µg/L	Y	J	J	2016-1796	CAMO-16-124297	GELC
R-44 S2	985.3	05/03/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	9.04	—	—	2	µg/L	Y	J	J	2016-1142	CAMO-16-115281	GELC
R-44 S2	985.3	02/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	8.58	—	—	2	µg/L	Y	J	J	2016-714	CAMO-16-110043	GELC
R-44 S2	985.3	11/20/17	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.39	1.47	6.91	—	pCi/L	Y	U	U	2018-1038	CAMO-18-148078	GELC
R-44 S2	985.3	11/12/15	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.62	1.34	4.55	—	pCi/L	Y	U	U	2016-334	CAMO-16-106106	GELC
R-44 S2	985.3	11/05/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	3.16	1.48	6.92	—	pCi/L	Y	U	U	2015-238	CAMO-15-90217	GELC
R-44 S2	985.3	11/12/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.955	1.47	5.86	—	pCi/L	Y	U	U	2013-307	CAMO-13-24246	GELC
R-44 S2	985.3	07/14/10	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.56	1.9	5.7	—	pCi/L	Y	U	U	10-3703	CAMO-10-22871	GELC
R-44 S2	985.3	07/14/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.61	1.6	4.9	—	pCi/L	Y	U	U	10-3703	CAMO-10-22868	GELC
R-44 S2	985.3	12/18/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.31	—	—	0.033	mg/L	Y	—	NQ	2018-1305	CAMO-18-150341	GELC
R-44 S2	985.3	11/20/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.268	—	—	0.033	mg/L	Y	—	NQ	2018-1038	CAMO-18-148062	GELC
R-44 S2	985.3	10/30/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.25	—	—	0.033	mg/L	Y	—	NQ	2018-634	CAMO-18-147639	GELC
R-44 S2	985.3	08/03/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.276	—	—	0.033	mg/L	Y	—	NQ	2017-2339	CAMO-17-141981	GELC
R-44 S2	985.3	05/18/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.345	—	—	0.033	mg/L	Y	—	NQ	2017-1565	CAMO-17-132210	GELC
R-44 S2	985.3	02/17/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.289	—	—	0.033	mg/L	Y	—	NQ	2017-1054	CAMO-17-129298	GELC
R-44 S2	985.3	11/07/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.299	—	—	0.033	mg/L	Y	—	NQ	2017-365	CAMO-17-127253	GELC
R-44 S2	985.3	07/26/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.284	—	—	0.033	mg/L	Y	—	NQ	2016-1796	CAMO-16-124297	GELC
R-44 S2	985.3	05/03/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.313	—	—	0.033	mg/L	Y	—	NQ	2016-1142	CAMO-16-115281	GELC
R-44 S2	985.3	02/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.259	—	—	0.033	mg/L	Y	—	NQ	2016-714	CAMO-16-110043	GELC
R-44 S2	985.3	11/20/17	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.535	0.65	2.48	—	pCi/L	Y	U	U	2018-1038	CAMO-18-148078	GELC
R-44 S2	985.3	11/12/15	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.58	0.739	2.67	—	pCi/L	Y	U	U	2016-334	CAMO-16-106106	GELC
R-44 S2	985.3	11/05/14	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.251	0.698	2.93	—	pCi/L	Y	U	U	2015-238	CAMO-15-90217	GELC
R-44 S2	985.3	11/12/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.689	0.661	2.37	—	pCi/L	Y	U	U	2013-307	CAMO-13-24246	GELC
R-44 S2	985.3	07/14/10	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.59	0.87	2.6	—	pCi/L	Y	U	U	10-3703	CAMO-10-22868	GELC
R-44 S2	985.3	07/14/10	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	0.186	0.64	2.6	—	pCi/L	Y	U	U	10-3703	CAMO-10-22871	GELC
R-44 S2	985.3	11/20/17	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.36	0.729	2.06	—	pCi/L	Y	—	J	2018-1038	CAMO-18-148078	GELC
R-44 S2	985.3	11/12/15	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.06	0.922	2.75	—	pCi/L	Y	—	NQ	2016-334	CAMO-16-106106	GELC
R-44 S2	985.3	11/05/14	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.02	0.84	2.71	—	pCi/L	Y	U	U	2015-238	CAMO-15-90217	GELC
R-44 S2	985.3	11/12/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.18	0.82	2.75	—	pCi/L	Y	U	U	2013-307	CAMO-13-24246	GELC
R-44 S2	985.3	07/14/10	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	26.5	2.9	3	—	pCi/L	Y	—	NQ	10-3703	CAMO-10-22871	GELC
R-44 S2	985.3	07/14/10	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.53	0.91	3	—	pCi/L	Y	U	U	10-3703	CAMO-10-22868	GELC
R-44 S2	985.3	12/18/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	48.8	—	—	0.453	mg/L	Y	—	NQ	2018-1305	CAMO-18-150341	GELC
R-44 S2	985.3	11/20/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	46.1	—	—	0.453	mg/L	Y	—	NQ	2018-1038	CAMO-18-148062	GELC
R-44 S2	985.3	10/30/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	49	—	—	0.453	mg/L	Y	—	NQ	2018-634	CAMO-18-147639	GELC
R-44 S2	985.3	08/03/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	47.9	—	—	0.453	mg/L	Y	—	NQ	2017-2339	CAMO-17-141981	GELC
R-44 S2	985.3	05/18/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	46.9	—	—	0.453	mg/L	Y	—	NQ	2017-1565	CAMO-17-132210	GELC
R-44 S2	985.3	02/17/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	47.7	—	—	0.453	mg/L	Y	—	NQ	2017-1054	CAMO-17-129298	GELC
R-44 S2	985.3	11/07/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	50.8	—	—	0.453	mg/L	Y	—	NQ	2017-365	CAMO-17-127253	GELC
R-44 S2	985.3	07/26/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	48.1	—	—	0.453	mg/L	Y	—	NQ	2016-1796	CAMO-16-124297	GELC
R-44 S2	985.3	05/03/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	48.7	—	—	0.453	mg/L	Y	—	NQ	2016-1142	CAMO-16-115281	GELC
R-44 S2	985.3	02/09/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	48.5	—	—	0.453	mg/L	Y	—	NQ	2016-714	CAMO-16-110043	GELC
R-44 S2	985.3	12/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4	—	—	0.11	mg/L	Y	—	NQ	2018-1305	CAMO-18-150341	GELC
R-44 S2	985.3	11/20/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.68	—	—	0.11	mg/L	Y	—	NQ	2018-1038	CAMO-18-148062	GELC
R-44 S2	985.3	10/30/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.9	—	—	0.11	mg/L	Y	—	NQ	2018-634	CAMO-18-147639	GELC
R-44 S2	985.3	08/03/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.86	—	—	0.11	mg/L	Y	—	NQ	2017-2339	CAMO-17-141981	GELC
R-44 S2	985.3	05/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.76	—	—	0.11	mg/L	Y	—	NQ	2017-1565	CAMO-17-132210	GELC
R-44 S2	985.3	02/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.77	—	—	0.11	mg/L	Y	—	NQ	2017-1054	CAMO-17-129298	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-44 S2	985.3	11/07/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.15	—	—	0.11	mg/L	Y	—	NQ	2017-365	CAMO-17-127253	GELC
R-44 S2	985.3	07/26/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.94	—	—	0.11	mg/L	Y	—	NQ	2016-1796	CAMO-16-124297	GELC
R-44 S2	985.3	05/03/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.98	—	—	0.11	mg/L	Y	—	NQ	2016-1142	CAMO-16-115281	GELC
R-44 S2	985.3	02/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.99	—	—	0.11	mg/L	Y	—	NQ	2016-714	CAMO-16-110043	GELC
R-44 S2	985.3	12/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.849	—	—	0.2	µg/L	Y	—	NQ	2018-1305	CAMO-18-150341	GELC
R-44 S2	985.3	11/20/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.87	—	—	0.2	µg/L	Y	—	NQ	2018-1038	CAMO-18-148062	GELC
R-44 S2	985.3	10/30/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.707	—	—	0.2	µg/L	Y	—	NQ	2018-634	CAMO-18-147639	GELC
R-44 S2	985.3	05/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.868	—	—	0.2	µg/L	Y	—	NQ	2017-1565	CAMO-17-132210	GELC
R-44 S2	985.3	02/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.907	—	—	0.3	µg/L	Y	—	NQ	2017-1054	CAMO-17-129298	GELC
R-44 S2	985.3	11/07/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.829	—	—	0.3	µg/L	Y	—	NQ	2017-365	CAMO-17-127253	GELC
R-44 S2	985.3	07/26/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.821	—	—	0.165	µg/L	Y	—	NQ	2016-1796	CAMO-16-124297	GELC
R-44 S2	985.3	05/03/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.818	—	—	0.165	µg/L	Y	—	NQ	2016-1142	CAMO-16-115281	GELC
R-44 S2	985.3	02/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.892	—	—	0.165	µg/L	Y	—	NQ	2016-714	CAMO-16-110043	GELC
R-44 S2	985.3	11/20/17	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.54	2.81	9.5	—	pCi/L	Y	U	U	2018-1038	CAMO-18-148078	GELC
R-44 S2	985.3	11/12/15	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.47	2.58	8.85	—	pCi/L	Y	U	U	2016-334	CAMO-16-106106	GELC
R-44 S2	985.3	11/05/14	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.19	3.37	11.8	—	pCi/L	Y	U	U	2015-238	CAMO-15-90217	GELC
R-44 S2	985.3	11/12/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.76	3.29	11.1	—	pCi/L	Y	U	U	2013-307	CAMO-13-24246	GELC
R-44 S2	985.3	07/14/10	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.38	3.7	12	—	pCi/L	Y	U	U	10-3703	CAMO-10-22871	GELC
R-44 S2	985.3	07/14/10	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.3	2.9	9.5	—	pCi/L	Y	U	U	10-3703	CAMO-10-22868	GELC
R-44 S2	985.3	02/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.61	—	—	0.5	µg/L	Y	J	J	2017-1054	CAMO-17-129298	GELC
R-44 S2	985.3	11/07/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.708	—	—	0.5	µg/L	Y	J	J	2017-365	CAMO-17-127253	GELC
R-44 S2	985.3	07/26/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.755	—	—	0.5	µg/L	Y	J	J	2016-1796	CAMO-16-124297	GELC
R-44 S2	985.3	05/03/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.837	—	—	0.5	µg/L	Y	J	J	2016-1142	CAMO-16-115281	GELC
R-44 S2	985.3	02/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	2	—	—	0.5	µg/L	Y	U	U	2016-714	CAMO-16-110043	GELC
R-44 S2	985.3	12/18/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.794	—	—	0.017	mg/L	Y	—	NQ	2018-1305	CAMO-18-150341	GELC
R-44 S2	985.3	11/20/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.725	—	—	0.017	mg/L	Y	—	NQ	2018-1038	CAMO-18-148062	GELC
R-44 S2	985.3	10/30/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.717	—	—	0.017	mg/L	Y	—	NQ	2018-634	CAMO-18-147639	GELC
R-44 S2	985.3	08/03/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.668	—	—	0.017	mg/L	Y	—	NQ	2017-2339	CAMO-17-141981	GELC
R-44 S2	985.3	05/18/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.736	—	—	0.017	mg/L	Y	—	NQ	2017-1565	CAMO-17-132210	GELC
R-44 S2	985.3	02/17/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.632	—	—	0.017	mg/L	Y	—	NQ	2017-1054	CAMO-17-129298	GELC
R-44 S2	985.3	11/07/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.69	—	—	0.017	mg/L	Y	—	NQ	2017-365	CAMO-17-127253	GELC
R-44 S2	985.3	07/26/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.72	—	—	0.017	mg/L	Y	—	NQ	2016-1796	CAMO-16-124297	GELC
R-44 S2	985.3	05/03/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.83	—	—	0.085	mg/L	Y	—	NQ	2016-1142	CAMO-16-115281	GELC
R-44 S2	985.3	02/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.706	—	—	0.017	mg/L	Y	—	NQ	2016-714	CAMO-16-110043	GELC
R-44 S2	985.3	12/18/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.379	—	—	0.05	µg/L	Y	—	NQ	2018-1305	CAMO-18-150341	GELC
R-44 S2	985.3	11/20/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.339	—	—	0.05	µg/L	Y	—	NQ	2018-1038	CAMO-18-148062	GELC
R-44 S2	985.3	10/30/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.346	—	—	0.05	µg/L	Y	—	NQ	2018-634	CAMO-18-147639	GELC
R-44 S2	985.3	08/03/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.349	—	—	0.05	µg/L	Y	—	NQ	2017-2339	CAMO-17-141981	GELC
R-44 S2	985.3	05/18/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.335	—	—	0.05	µg/L	Y	—	NQ	2017-1565	CAMO-17-132210	GELC
R-44 S2	985.3	02/17/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.346	—	—	0.05	µg/L	Y	—	NQ	2017-1054	CAMO-17-129298	GELC
R-44 S2	985.3	11/07/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.334	—	—	0.05	µg/L	Y	—	NQ	2017-365	CAMO-17-127253	GELC
R-44 S2	985.3	07/26/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.335	—	—	0.05	µg/L	Y	—	NQ	2016-1796	CAMO-16-124297	GELC
R-44 S2	985.3	05/03/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.35	—	—	0.05	µg/L	Y	—	NQ	2016-1142	CAMO-16-115281	GELC
R-44 S2	985.3	02/09/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.351	—	—	0.05	µg/L	Y	—	NQ	2016-714	CAMO-16-110043	GELC
R-44 S2	985.3	11/20/17	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.00854	0.0364	—	pCi/L	Y	U	U	2018-1038	CAMO-18-148078	GELC
R-44 S2	985.3	11/12/15	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00401	0.00401	0.0234	—	pCi/L	Y	U	U	2016-334	CAMO-16-106106	GELC
R-44 S2	985.3	11/05/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00591	0.00724	0.0396	—	pCi/L	Y	U	U	2015-238	CAMO-15-90217	GELC
R-44 S2	985.3	11/12/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00907	0.00641	0.0218	—	pCi/L	Y	U	U	2013-307	CAMO-13-24246	GELC
R-44 S2	985.3	07/14/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00217	0.0022	0.029	—	pCi/L	Y	U	U	10-3703	CAMO-10-22868	GELC
R-44 S2	985.3	07/14/10	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.0022	0.03	—	pCi/L	Y	U	U	10-3703	CAMO-10-22871	GELC
R-44 S2	985.3	11/20/17	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00247	0.0118	0.052	—	pCi/L	Y	U	U	2018-1038	CAMO-18-148078	GELC
R-44 S2	985.3	11/12/15	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.012	0.00633	0.045	—	pCi/L	Y	U	U	2016-334	CAMO-16-106106	GELC
R-44 S2	985.3	11/05/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00886	0.00781	0.0584	—	pCi/L	Y	U	U	2015-238	CAMO-15-90217	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-44 S2	985.3	11/12/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00453	0.00555	0.0362	—	pCi/L	Y	U	U	2013-307	CAMO-13-24246	GELC
R-44 S2	985.3	07/14/10	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0112	0.005	0.03	—	pCi/L	Y	U	U	10-3703	CAMO-10-22871	GELC
R-44 S2	985.3	07/14/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00217	0.0031	0.029	—	pCi/L	Y	U	U	10-3703	CAMO-10-22868	GELC
R-44 S2	985.3	12/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.25	—	—	0.05	mg/L	Y	—	NQ	2018-1305	CAMO-18-150341	GELC
R-44 S2	985.3	11/20/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.3	—	—	0.05	mg/L	Y	—	NQ	2018-1038	CAMO-18-148062	GELC
R-44 S2	985.3	10/30/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.14	—	—	0.05	mg/L	Y	—	NQ	2018-634	CAMO-18-147639	GELC
R-44 S2	985.3	08/03/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.18	—	—	0.05	mg/L	Y	—	NQ	2017-2339	CAMO-17-141981	GELC
R-44 S2	985.3	05/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.18	—	—	0.05	mg/L	Y	—	NQ	2017-1565	CAMO-17-132210	GELC
R-44 S2	985.3	02/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.31	—	—	0.05	mg/L	Y	—	NQ	2017-1054	CAMO-17-129298	GELC
R-44 S2	985.3	11/07/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.28	—	—	0.05	mg/L	Y	—	NQ	2017-365	CAMO-17-127253	GELC
R-44 S2	985.3	07/26/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.23	—	—	0.05	mg/L	Y	—	NQ	2016-1796	CAMO-16-124297	GELC
R-44 S2	985.3	05/03/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.24	—	—	0.05	mg/L	Y	—	NQ	2016-1142	CAMO-16-115281	GELC
R-44 S2	985.3	02/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.35	—	—	0.05	mg/L	Y	—	NQ	2016-714	CAMO-16-110043	GELC
R-44 S2	985.3	11/20/17	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-4.41	21.7	84.3	—	pCi/L	Y	U	U	2018-1038	CAMO-18-148078	GELC
R-44 S2	985.3	11/12/15	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	2.63	16.9	62.6	—	pCi/L	Y	U	U	2016-334	CAMO-16-106106	GELC
R-44 S2	985.3	11/05/14	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	38	20.5	86.6	—	pCi/L	Y	U	U	2015-238	CAMO-15-90217	GELC
R-44 S2	985.3	11/12/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-7.81	16.6	64.6	—	pCi/L	Y	U	U	2013-307	CAMO-13-24246	GELC
R-44 S2	985.3	07/14/10	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-26.2	24	74	—	pCi/L	Y	U	U	10-3703	CAMO-10-22871	GELC
R-44 S2	985.3	07/14/10	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-4.06	16	60	—	pCi/L	Y	U	U	10-3703	CAMO-10-22868	GELC
R-44 S2	985.3	12/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.8	—	—	0.053	mg/L	Y	—	NQ	2018-1305	CAMO-18-150341	GELC
R-44 S2	985.3	11/20/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.3	—	—	0.053	mg/L	Y	—	NQ	2018-1038	CAMO-18-148062	GELC
R-44 S2	985.3	10/30/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	67	—	—	0.053	mg/L	Y	—	NQ	2018-634	CAMO-18-147639	GELC
R-44 S2	985.3	08/03/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	66	—	—	0.053	mg/L	Y	—	NQ	2017-2339	CAMO-17-141981	GELC
R-44 S2	985.3	05/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.5	—	—	0.053	mg/L	Y	—	NQ	2017-1565	CAMO-17-132210	GELC
R-44 S2	985.3	02/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.9	—	—	0.053	mg/L	Y	—	NQ	2017-1054	CAMO-17-129298	GELC
R-44 S2	985.3	11/07/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	70	—	—	0.053	mg/L	Y	—	NQ	2017-365	CAMO-17-127253	GELC
R-44 S2	985.3	07/26/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	72.5	—	—	0.053	mg/L	Y	—	NQ	2016-1796	CAMO-16-124297	GELC
R-44 S2	985.3	05/03/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.7	—	—	0.053	mg/L	Y	—	NQ	2016-1142	CAMO-16-115281	GELC
R-44 S2	985.3	02/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.7	—	—	0.053	mg/L	Y	—	NQ	2016-714	CAMO-16-110043	GELC
R-44 S2	985.3	12/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.79	—	—	0.1	mg/L	Y	—	NQ	2018-1305	CAMO-18-150341	GELC
R-44 S2	985.3	11/20/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.38	—	—	0.1	mg/L	Y	—	NQ	2018-1038	CAMO-18-148062	GELC
R-44 S2	985.3	10/30/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.81	—	—	0.1	mg/L	Y	—	NQ	2018-634	CAMO-18-147639	GELC
R-44 S2	985.3	08/03/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.2	—	—	0.1	mg/L	Y	—	NQ	2017-2339	CAMO-17-141981	GELC
R-44 S2	985.3	05/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.96	—	—	0.1	mg/L	Y	—	NQ	2017-1565	CAMO-17-132210	GELC
R-44 S2	985.3	02/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.69	—	—	0.1	mg/L	Y	—	NQ	2017-1054	CAMO-17-129298	GELC
R-44 S2	985.3	11/07/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.2	—	—	0.1	mg/L	Y	E	NQ	2017-365	CAMO-17-127253	GELC
R-44 S2	985.3	07/26/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.9	—	—	0.1	mg/L	Y	EN	NQ	2016-1796	CAMO-16-124297	GELC
R-44 S2	985.3	05/03/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.2	—	—	0.1	mg/L	Y	—	NQ	2016-1142	CAMO-16-115281	GELC
R-44 S2	985.3	02/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.79	—	—	0.1	mg/L	Y	—	NQ	2016-714	CAMO-16-110043	GELC
R-44 S2	985.3	11/20/17	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.76	1.35	4.64	—	pCi/L	Y	U	U	2018-1038	CAMO-18-148078	GELC
R-44 S2	985.3	11/12/15	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.68	1.33	4.5	—	pCi/L	Y	U	U	2016-334	CAMO-16-106106	GELC
R-44 S2	985.3	11/05/14	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.407	1.44	5.58	—	pCi/L	Y	U	U	2015-238	CAMO-15-90217	GELC
R-44 S2	985.3	11/12/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.145	1.39	5.32	—	pCi/L	Y	U	U	2013-307	CAMO-13-24246	GELC
R-44 S2	985.3	07/14/10	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.33	1.6	5	—	pCi/L	Y	U	U	10-3703	CAMO-10-22868	GELC
R-44 S2	985.3	07/14/10	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.478	1.7	5.5	—	pCi/L	Y	U	U	10-3703	CAMO-10-22871	GELC
R-44 S2	985.3	12/18/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	141	—	—	1	µS/cm	Y	—	NQ	2018-1305	CAMO-18-150341	GELC
R-44 S2	985.3	11/20/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	151	—	—	1	µS/cm	Y	—	NQ	2018-1038	CAMO-18-148062	GELC
R-44 S2	985.3	10/30/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	169	—	—	1	µS/cm	Y	—	NQ	2018-634	CAMO-18-147639	GELC
R-44 S2	985.3	08/03/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	148	—	—	1	µS/cm	Y	—	NQ	2017-2339	CAMO-17-141981	GELC
R-44 S2	985.3	05/18/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	146	—	—	1	µS/cm	Y	—	NQ	2017-1565	CAMO-17-132210	GELC
R-44 S2	985.3	02/17/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	190	—	—	1	µS/cm	Y	—	NQ	2017-1054	CAMO-17-129298	GELC
R-44 S2	985.3	11/07/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	144	—	—	1	µS/cm	Y	—	NQ	2017-365	CAMO-17-127253	GELC
R-44 S2	985.3	07/26/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	136	—	—	3.63	µS/cm	Y	—	NQ	2016-1796	CAMO-16-124297	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-44 S2	985.3	05/03/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	163	—	—	1	µS/cm	Y	—	NQ	2016-1142	CAMO-16-115281	GELC
R-44 S2	985.3	02/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	162	—	—	1	µS/cm	Y	—	NQ	2016-714	CAMO-16-110043	GELC
R-44 S2	985.3	12/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	54.5	—	—	1	µg/L	Y	—	NQ	2018-1305	CAMO-18-150341	GELC
R-44 S2	985.3	11/20/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	55.3	—	—	1	µg/L	Y	—	NQ	2018-1038	CAMO-18-148062	GELC
R-44 S2	985.3	10/30/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	54.3	—	—	1	µg/L	Y	—	NQ	2018-634	CAMO-18-147639	GELC
R-44 S2	985.3	08/03/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	53.4	—	—	1	µg/L	Y	—	NQ	2017-2339	CAMO-17-141981	GELC
R-44 S2	985.3	05/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	54.9	—	—	1	µg/L	Y	—	NQ	2017-1565	CAMO-17-132210	GELC
R-44 S2	985.3	02/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	53.8	—	—	1	µg/L	Y	—	NQ	2017-1054	CAMO-17-129298	GELC
R-44 S2	985.3	11/07/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	64.3	—	—	1	µg/L	Y	—	NQ	2017-365	CAMO-17-127253	GELC
R-44 S2	985.3	07/26/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	61	—	—	1	µg/L	Y	—	NQ	2016-1796	CAMO-16-124297	GELC
R-44 S2	985.3	05/03/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	55.9	—	—	1	µg/L	Y	—	NQ	2016-1142	CAMO-16-115281	GELC
R-44 S2	985.3	02/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	53	—	—	1	µg/L	Y	—	NQ	2016-714	CAMO-16-110043	GELC
R-44 S2	985.3	11/20/17	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.31	0.106	0.482	—	pCi/L	Y	U	U	2018-1038	CAMO-18-148078	GELC
R-44 S2	985.3	11/12/15	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.126	0.137	0.48	—	pCi/L	Y	U	U	2016-334	CAMO-16-106106	GELC
R-44 S2	985.3	11/05/14	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0775	0.133	0.488	—	pCi/L	Y	U	U	2015-238	CAMO-15-90217	GELC
R-44 S2	985.3	11/12/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.00695	0.132	0.49	—	pCi/L	Y	U	U	2013-307	CAMO-13-24246	GELC
R-44 S2	985.3	07/14/10	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.045	0.12	0.47	—	pCi/L	Y	U	U	10-3703	CAMO-10-22868	GELC
R-44 S2	985.3	07/14/10	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.208	0.14	0.47	—	pCi/L	Y	U	U	10-3703	CAMO-10-22871	GELC
R-44 S2	985.3	12/18/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.01	—	—	0.133	mg/L	Y	—	NQ	2018-1305	CAMO-18-150341	GELC
R-44 S2	985.3	11/20/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.52	—	—	0.133	mg/L	Y	—	NQ	2018-1038	CAMO-18-148062	GELC
R-44 S2	985.3	10/30/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.71	—	—	0.133	mg/L	Y	—	NQ	2018-634	CAMO-18-147639	GELC
R-44 S2	985.3	08/03/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.66	—	—	0.133	mg/L	Y	—	NQ	2017-2339	CAMO-17-141981	GELC
R-44 S2	985.3	05/18/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.83	—	—	0.133	mg/L	Y	—	NQ	2017-1565	CAMO-17-132210	GELC
R-44 S2	985.3	02/17/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.58	—	—	0.133	mg/L	Y	—	NQ	2017-1054	CAMO-17-129298	GELC
R-44 S2	985.3	11/07/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.33	—	—	0.133	mg/L	Y	—	NQ	2017-365	CAMO-17-127253	GELC
R-44 S2	985.3	07/26/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.82	—	—	0.133	mg/L	Y	—	NQ	2016-1796	CAMO-16-124297	GELC
R-44 S2	985.3	05/03/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.82	—	—	0.133	mg/L	Y	—	NQ	2016-1142	CAMO-16-115281	GELC
R-44 S2	985.3	02/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.8	—	—	0.133	mg/L	Y	—	NQ	2016-714	CAMO-16-110043	GELC
R-44 S2	985.3	12/18/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-1305	CAMO-18-150341	GELC
R-44 S2	985.3	12/18/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-1305	CAMO-18-150349	GELC
R-44 S2	985.3	11/20/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-1038	CAMO-18-148078	GELC
R-44 S2	985.3	11/20/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-1038	CAMO-18-148062	GELC
R-44 S2	985.3	10/30/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-634	CAMO-18-147639	GELC
R-44 S2	985.3	10/30/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-634	CAMO-18-147654	GELC
R-44 S2	985.3	08/03/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	5	—	—	—	deg C	Y	—	NQ	2017-2339	CAMO-17-142309	GELC
R-44 S2	985.3	08/03/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	5	—	—	—	deg C	Y	—	NQ	2017-2339	CAMO-17-141981	GELC
R-44 S2	985.3	05/18/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2017-1565	CAMO-17-132210	GELC
R-44 S2	985.3	05/18/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2017-1565	CAMO-17-133049	GELC
R-44 S2	985.3	02/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	Y	0.775	—	—	0.6	µg/L	Y	J	J	2017-1054	CAMO-17-129298	GELC
R-44 S2	985.3	11/07/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	2	—	—	0.6	µg/L	Y	U	U	2017-365	CAMO-17-127253	GELC
R-44 S2	985.3	07/26/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	2	—	—	0.45	µg/L	Y	U	U	2016-1796	CAMO-16-124297	GELC
R-44 S2	985.3	05/03/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	2	—	—	0.45	µg/L	Y	U	U	2016-1142	CAMO-16-115281	GELC
R-44 S2	985.3	02/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	2	—	—	0.45	µg/L	Y	U	U	2016-714	CAMO-16-110043	GELC
R-44 S2	985.3	12/18/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	85.7	—	—	3.4	mg/L	Y	—	NQ	2018-1305	CAMO-18-150341	GELC
R-44 S2	985.3	11/20/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	156	—	—	3.4	mg/L	Y	—	NQ	2018-1038	CAMO-18-148062	GELC
R-44 S2	985.3	10/30/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	174	—	—	3.4	mg/L	Y	—	NQ	2018-634	CAMO-18-147639	GELC
R-44 S2	985.3	08/03/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	150	—	—	3.4	mg/L	Y	—	NQ	2017-2339	CAMO-17-141981	GELC
R-44 S2	985.3	05/18/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	126	—	—	3.4	mg/L	Y	—	NQ	2017-1565	CAMO-17-132210	GELC
R-44 S2	985.3	02/17/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	180	—	—	3.4	mg/L	Y	—	NQ	2017-1054	CAMO-17-129298	GELC
R-44 S2	985.3	11/07/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	82.9	—	—	3.4	mg/L	Y	—	NQ	2017-365	CAMO-17-127253	GELC
R-44 S2	985.3	07/26/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	133	—	—	3.4	mg/L	Y	—	NQ	2016-1796	CAMO-16-124297	GELC
R-44 S2	985.3	05/03/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	130	—	—	3.4	mg/L	Y	—	NQ	2016-1142	CAMO-16-115281	GELC
R-44 S2	985.3	02/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	174	—	—	3.4	mg/L	Y	—	NQ	2016-714	CAMO-16-110043	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-44 S2	985.3	05/18/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.502	—	—	0.033	mg/L	Y	—	NQ	2017-1565	CAMO-17-133049	GELC
R-44 S2	985.3	02/17/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.5	—	—	0.165	mg/L	Y	U	U	2017-1054	CAMO-17-129314	GELC
R-44 S2	985.3	11/07/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2017-365	CAMO-17-127233	GELC
R-44 S2	985.3	07/26/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2016-1796	CAMO-16-124273	GELC
R-44 S2	985.3	05/03/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.113	—	—	0.033	mg/L	Y	—	NQ	2016-1142	CAMO-16-115258	GELC
R-44 S2	985.3	12/18/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.236	—	—	0.02	mg/L	Y	—	NQ	2018-1305	CAMO-18-150341	GELC
R-44 S2	985.3	11/20/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0841	—	—	0.02	mg/L	Y	—	NQ	2018-1038	CAMO-18-148062	GELC
R-44 S2	985.3	02/17/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.153	—	—	0.02	mg/L	Y	—	NQ	2017-1054	CAMO-17-129298	GELC
R-44 S2	985.3	11/07/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0332	—	—	0.02	mg/L	Y	J	J	2017-365	CAMO-17-127253	GELC
R-44 S2	985.3	07/26/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.043	—	—	0.02	mg/L	Y	J	J	2016-1796	CAMO-16-124297	GELC
R-44 S2	985.3	05/03/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.025	—	—	0.02	mg/L	Y	J	J	2016-1142	CAMO-16-115281	GELC
R-44 S2	985.3	02/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0183	—	—	0.017	mg/L	Y	J	J	2016-714	CAMO-16-110043	GELC
R-44 S2	985.3	11/20/17	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-1.019	0.818	2.79	—	pCi/L	Y	U	U	2018-1067	CAMO-18-148078	ARSL
R-44 S2	985.3	08/03/17	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.786	0.961	3.017	—	pCi/L	Y	U	U	2017-2444	CAMO-17-142309	ARSL
R-44 S2	985.3	05/18/17	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.834	0.772	2.634	—	pCi/L	Y	U	U	2017-1618	CAMO-17-133049	ARSL
R-44 S2	985.3	11/07/16	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-1.33	0.522	1.741	—	pCi/L	Y	U	U	2017-400	CAMO-17-127233	ARSL
R-44 S2	985.3	11/12/15	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.796	0.744	2.445	—	pCi/L	Y	Q,U	U	2016-379	CAMO-16-106106	ARSL
R-44 S2	985.3	11/05/14	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.801	0.694	2.272	—	pCi/L	Y	U	U	2015-313	CAMO-15-90217	ARSL
R-44 S2	985.3	11/06/13	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.305	0.628	2.155	—	pCi/L	Y	U	U	2014-2413	CAMO-14-45751	ARSL
R-44 S2	985.3	12/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.481	—	—	0.067	µg/L	Y	—	NQ	2018-1305	CAMO-18-150341	GELC
R-44 S2	985.3	11/20/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.464	—	—	0.067	µg/L	Y	—	NQ	2018-1038	CAMO-18-148062	GELC
R-44 S2	985.3	10/30/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.447	—	—	0.067	µg/L	Y	—	NQ	2018-634	CAMO-18-147639	GELC
R-44 S2	985.3	08/03/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.401	—	—	0.067	µg/L	Y	—	NQ	2017-2339	CAMO-17-141981	GELC
R-44 S2	985.3	05/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.463	—	—	0.067	µg/L	Y	—	NQ	2017-1565	CAMO-17-132210	GELC
R-44 S2	985.3	02/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.536	—	—	0.067	µg/L	Y	—	NQ	2017-1054	CAMO-17-129298	GELC
R-44 S2	985.3	11/07/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.494	—	—	0.067	µg/L	Y	—	NQ	2017-365	CAMO-17-127253	GELC
R-44 S2	985.3	07/26/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.492	—	—	0.067	µg/L	Y	—	NQ	2016-1796	CAMO-16-124297	GELC
R-44 S2	985.3	05/03/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.552	—	—	0.067	µg/L	Y	—	NQ	2016-1142	CAMO-16-115281	GELC
R-44 S2	985.3	02/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.499	—	—	0.067	µg/L	Y	—	NQ	2016-714	CAMO-16-110043	GELC
R-44 S2	985.3	11/20/17	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.45	0.0448	0.195	—	pCi/L	Y	—	NQ	2018-1038	CAMO-18-148078	GELC
R-44 S2	985.3	11/12/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.392	0.0317	0.0796	—	pCi/L	Y	—	NQ	2016-334	CAMO-16-106106	GELC
R-44 S2	985.3	11/05/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.339	0.0303	0.0485	—	pCi/L	Y	—	NQ	2015-238	CAMO-15-90217	GELC
R-44 S2	985.3	11/12/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.35	0.0307	0.0551	—	pCi/L	Y	—	NQ	2013-307	CAMO-13-24246	GELC
R-44 S2	985.3	07/14/10	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.347	0.039	0.064	—	pCi/L	Y	—	NQ	10-3703	CAMO-10-22871	GELC
R-44 S2	985.3	07/14/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.415	0.046	0.073	—	pCi/L	Y	—	NQ	10-3703	CAMO-10-22868	GELC
R-44 S2	985.3	11/20/17	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.087	0.0227	0.0842	—	pCi/L	Y	—	NQ	2018-1038	CAMO-18-148078	GELC
R-44 S2	985.3	11/12/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0241	0.0113	0.0694	—	pCi/L	Y	U	U	2016-334	CAMO-16-106106	GELC
R-44 S2	985.3	11/05/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0264	0.0106	0.0423	—	pCi/L	Y	U	U	2015-238	CAMO-15-90217	GELC
R-44 S2	985.3	11/12/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0206	0.00881	0.0344	—	pCi/L	Y	U	U	2013-307	CAMO-13-24246	GELC
R-44 S2	985.3	07/14/10	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0246	0.0089	0.039	—	pCi/L	Y	U	U	10-3703	CAMO-10-22871	GELC
R-44 S2	985.3	07/14/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0176	0.008	0.044	—	pCi/L	Y	U	U	10-3703	CAMO-10-22868	GELC
R-44 S2	985.3	11/20/17	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.262	0.0334	0.114	—	pCi/L	Y	—	NQ	2018-1038	CAMO-18-148078	GELC
R-44 S2	985.3	11/12/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.2	0.0223	0.0786	—	pCi/L	Y	—	NQ	2016-334	CAMO-16-106106	GELC
R-44 S2	985.3	11/05/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.114	0.0177	0.0465	—	pCi/L	Y	—	NQ	2015-238	CAMO-15-90217	GELC
R-44 S2	985.3	11/12/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.173	0.0206	0.0374	—	pCi/L	Y	—	NQ	2013-307	CAMO-13-24246	GELC
R-44 S2	985.3	07/14/10	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.258	0.032	0.044	—	pCi/L	Y	—	NQ	10-3703	CAMO-10-22871	GELC
R-44 S2	985.3	07/14/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.222	0.03	0.051	—	pCi/L	Y	—	NQ	10-3703	CAMO-10-22868	GELC
R-44 S2	985.3	12/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.1	—	—	1	µg/L	Y	—	NQ	2018-1305	CAMO-18-150341	GELC
R-44 S2	985.3	11/20/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.63	—	—	1	µg/L	Y	—	NQ	2018-1038	CAMO-18-148062	GELC
R-44 S2	985.3	10/30/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.49	—	—	1	µg/L	Y	—	NQ	2018-634	CAMO-18-147639	GELC
R-44 S2	985.3	08/03/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.33	—	—	1	µg/L	Y	—	NQ	2017-2339	CAMO-17-141981	GELC
R-44 S2	985.3	05/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.54	—	—	1	µg/L	Y	—	NQ	2017-1565	CAMO-17-132210	GELC
R-44 S2	985.3	02/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.31	—	—	1	µg/L	Y	—	NQ	2017-1054	CAMO-17-129298	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-44 S2	985.3	11/07/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.81	—	—	1	µg/L	Y	—	NQ	2017-365	CAMO-17-127253	GELC
R-44 S2	985.3	07/26/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.45	—	—	1	µg/L	Y	—	NQ	2016-1796	CAMO-16-124297	GELC
R-44 S2	985.3	05/03/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.52	—	—	1	µg/L	Y	—	NQ	2016-1142	CAMO-16-115281	GELC
R-44 S2	985.3	02/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.35	—	—	1	µg/L	Y	—	NQ	2016-714	CAMO-16-110043	GELC
R-44 S2	985.3	10/30/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	11.5	—	—	3.3	µg/L	Y	—	NQ	2018-634	CAMO-18-147639	GELC
R-44 S2	985.3	02/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	4.68	—	—	3.3	µg/L	Y	J	J	2017-1054	CAMO-17-129298	GELC
R-44 S2	985.3	11/07/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2017-365	CAMO-17-127253	GELC
R-44 S2	985.3	07/26/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2016-1796	CAMO-16-124297	GELC
R-44 S2	985.3	05/03/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2016-1142	CAMO-16-115281	GELC
R-44 S2	985.3	02/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2016-714	CAMO-16-110043	GELC
R-45 S1	880.0	12/18/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.91	—	—	0.01	SU	Y	H	NQ	2018-1306	CAMO-18-150342	GELC
R-45 S1	880.0	11/20/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.95	—	—	0.01	SU	Y	H	NQ	2018-1038	CAMO-18-148063	GELC
R-45 S1	880.0	10/31/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.94	—	—	0.01	SU	Y	H	NQ	2018-656	CAMO-18-147640	GELC
R-45 S1	880.0	08/02/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.97	—	—	0.01	SU	Y	H	NQ	2017-2301	CAMO-17-142778	GELC
R-45 S1	880.0	08/02/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.97	—	—	0.01	SU	Y	H	NQ	2017-2301	CAMO-17-142781	GELC
R-45 S1	880.0	05/17/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.99	—	—	0.01	SU	Y	H	NQ	2017-1552	CAMO-17-132211	GELC
R-45 S1	880.0	02/07/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.93	—	—	0.01	SU	Y	H	NQ	2017-986	CAMO-17-129411	GELC
R-45 S1	880.0	11/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.98	—	—	0.01	SU	Y	H	NQ	2017-516	CAMO-17-127254	GELC
R-45 S1	880.0	07/28/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.89	—	—	0.01	SU	Y	H	NQ	2016-1820	CAMO-16-124249	GELC
R-45 S1	880.0	07/28/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.89	—	—	0.01	SU	Y	H	NQ	2016-1820	CAMO-16-124298	GELC
R-45 S1	880.0	05/10/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.96	—	—	0.01	SU	Y	H	NQ	2016-1178	CAMO-16-115282	GELC
R-45 S1	880.0	02/10/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.9	—	—	0.01	SU	Y	H	NQ	2016-726	CAMO-16-110044	GELC
R-45 S1	880.0	12/18/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66.4	—	—	1.45	mg/L	Y	—	NQ	2018-1306	CAMO-18-150342	GELC
R-45 S1	880.0	11/20/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	68.7	—	—	1.45	mg/L	Y	—	NQ	2018-1038	CAMO-18-148063	GELC
R-45 S1	880.0	10/31/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66.5	—	—	1.45	mg/L	Y	—	NQ	2018-656	CAMO-18-147640	GELC
R-45 S1	880.0	08/02/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66.4	—	—	1.45	mg/L	Y	—	NQ	2017-2301	CAMO-17-142778	GELC
R-45 S1	880.0	08/02/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66.6	—	—	1.45	mg/L	Y	—	NQ	2017-2301	CAMO-17-142781	GELC
R-45 S1	880.0	05/17/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	68.2	—	—	1.45	mg/L	Y	—	NQ	2017-1552	CAMO-17-132211	GELC
R-45 S1	880.0	02/07/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	67	—	—	1.45	mg/L	Y	—	NQ	2017-986	CAMO-17-129411	GELC
R-45 S1	880.0	11/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	69.6	—	—	1.45	mg/L	Y	—	NQ	2017-516	CAMO-17-127254	GELC
R-45 S1	880.0	07/28/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	67.3	—	—	1.45	mg/L	Y	—	NQ	2016-1820	CAMO-16-124249	GELC
R-45 S1	880.0	07/28/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	67.3	—	—	1.45	mg/L	Y	—	NQ	2016-1820	CAMO-16-124298	GELC
R-45 S1	880.0	05/10/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66.6	—	—	0.725	mg/L	Y	—	NQ	2016-1178	CAMO-16-115282	GELC
R-45 S1	880.0	02/10/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.6	—	—	0.725	mg/L	Y	—	NQ	2016-726	CAMO-16-110044	GELC
R-45 S1	880.0	11/20/17	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.00904	0.043	—	pCi/L	Y	U	U	2018-1038	CAMO-18-148079	GELC
R-45 S1	880.0	11/11/15	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00619	0.00744	0.0278	—	pCi/L	Y	U	U	2016-316	CAMO-16-106107	GELC
R-45 S1	880.0	11/05/14	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00000000202	0.00957	0.0632	—	pCi/L	Y	U	U	2015-239	CAMO-15-90218	GELC
R-45 S1	880.0	11/06/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.000766	0.00766	0.0261	—	pCi/L	Y	U	U	2013-276	CAMO-13-24247	GELC
R-45 S1	880.0	07/02/10	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00669	0.0037	0.038	—	pCi/L	Y	U	U	10-3567	CAMO-10-22877	GELC
R-45 S1	880.0	11/20/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0218	—	—	0.017	mg/L	Y	J	J	2018-1038	CAMO-18-148063	GELC
R-45 S1	880.0	10/31/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0269	—	—	0.017	mg/L	Y	J	J	2018-656	CAMO-18-147640	GELC
R-45 S1	880.0	08/02/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0464	—	—	0.017	mg/L	Y	J	J	2017-2301	CAMO-17-142778	GELC
R-45 S1	880.0	08/02/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.017	mg/L	Y	U	U	2017-2301	CAMO-17-142781	GELC
R-45 S1	880.0	02/07/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0832	—	—	0.017	mg/L	Y	—	NQ	2017-986	CAMO-17-129411	GELC
R-45 S1	880.0	11/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0348	—	—	0.017	mg/L	Y	J	U	2017-516	CAMO-17-127254	GELC
R-45 S1	880.0	07/28/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.106	—	—	0.017	mg/L	Y	—	U	2016-1820	CAMO-16-124249	GELC
R-45 S1	880.0	07/28/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0557	—	—	0.017	mg/L	Y	—	U	2016-1820	CAMO-16-124298	GELC
R-45 S1	880.0	05/10/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0439	—	—	0.017	mg/L	Y	J	U	2016-1178	CAMO-16-115282	GELC
R-45 S1	880.0	02/10/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.032	—	—	0.017	mg/L	Y	J	J	2016-726	CAMO-16-110044	GELC
R-45 S1	880.0	05/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.57	—	—	2	µg/L	Y	J	J	2017-1552	CAMO-17-132211	GELC
R-45 S1	880.0	02/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	1.85	—	—	1.7	µg/L	Y	J	J	2017-986	CAMO-17-129411	GELC
R-45 S1	880.0	11/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	1.71	—	—	1.7	µg/L	Y	J	J	2017-516	CAMO-17-127254	GELC
R-45 S1	880.0	07/28/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	1.76	—	—	1.7	µg/L	Y	J	J	2016-1820	CAMO-16-124298	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-45 S1	880.0	07/28/16	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	Y	1.92	—	—	1.7	µg/L	Y	J	J	2016-1820	CAMO-16-124249	GELC
R-45 S1	880.0	05/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	1.98	—	—	1.7	µg/L	Y	J	J	2016-1178	CAMO-16-115282	GELC
R-45 S1	880.0	02/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	1.86	—	—	1.7	µg/L	Y	J	J	2016-726	CAMO-16-110044	GELC
R-45 S1	880.0	12/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	29.5	—	—	1	µg/L	Y	—	NQ	2018-1306	CAMO-18-150342	GELC
R-45 S1	880.0	11/20/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	29.3	—	—	1	µg/L	Y	—	NQ	2018-1038	CAMO-18-148063	GELC
R-45 S1	880.0	10/31/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	29.5	—	—	1	µg/L	Y	—	NQ	2018-656	CAMO-18-147640	GELC
R-45 S1	880.0	08/02/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	28.2	—	—	1	µg/L	Y	—	NQ	2017-2301	CAMO-17-142778	GELC
R-45 S1	880.0	08/02/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	28.6	—	—	1	µg/L	Y	—	NQ	2017-2301	CAMO-17-142781	GELC
R-45 S1	880.0	05/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	29.7	—	—	1	µg/L	Y	—	NQ	2017-1552	CAMO-17-132211	GELC
R-45 S1	880.0	02/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	29.3	—	—	1	µg/L	Y	—	NQ	2017-986	CAMO-17-129411	GELC
R-45 S1	880.0	11/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	28.8	—	—	1	µg/L	Y	—	NQ	2017-516	CAMO-17-127254	GELC
R-45 S1	880.0	07/28/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	28.7	—	—	1	µg/L	Y	—	NQ	2016-1820	CAMO-16-124298	GELC
R-45 S1	880.0	07/28/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	29.3	—	—	1	µg/L	Y	—	NQ	2016-1820	CAMO-16-124249	GELC
R-45 S1	880.0	05/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	27.2	—	—	1	µg/L	Y	—	NQ	2016-1178	CAMO-16-115282	GELC
R-45 S1	880.0	02/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	28.5	—	—	1	µg/L	Y	—	NQ	2016-726	CAMO-16-110044	GELC
R-45 S1	880.0	12/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	15.8	—	—	15	µg/L	Y	J	J	2018-1306	CAMO-18-150342	GELC
R-45 S1	880.0	11/20/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	15.8	—	—	15	µg/L	Y	J	J	2018-1038	CAMO-18-148063	GELC
R-45 S1	880.0	05/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	15.6	—	—	15	µg/L	Y	J	J	2017-1552	CAMO-17-132211	GELC
R-45 S1	880.0	02/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	17.5	—	—	15	µg/L	Y	J	J	2017-986	CAMO-17-129411	GELC
R-45 S1	880.0	11/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	16	—	—	15	µg/L	Y	J	J	2017-516	CAMO-17-127254	GELC
R-45 S1	880.0	07/28/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	50	—	—	15	µg/L	Y	U	U	2016-1820	CAMO-16-124298	GELC
R-45 S1	880.0	07/28/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	N	50	—	—	15	µg/L	Y	U	U	2016-1820	CAMO-16-124249	GELC
R-45 S1	880.0	05/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	18.6	—	—	15	µg/L	Y	J	J	2016-1178	CAMO-16-115282	GELC
R-45 S1	880.0	02/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	17.8	—	—	15	µg/L	Y	J	J	2016-726	CAMO-16-110044	GELC
R-45 S1	880.0	12/18/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0774	—	—	0.067	mg/L	Y	J	J	2018-1306	CAMO-18-150342	GELC
R-45 S1	880.0	10/31/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.071	—	—	0.067	mg/L	Y	J	J	2018-656	CAMO-18-147640	GELC
R-45 S1	880.0	08/02/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0731	—	—	0.067	mg/L	Y	J	J	2017-2301	CAMO-17-142778	GELC
R-45 S1	880.0	08/02/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067	mg/L	Y	U	U	2017-2301	CAMO-17-142781	GELC
R-45 S1	880.0	05/17/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0674	—	—	0.067	mg/L	Y	J	J	2017-1552	CAMO-17-132211	GELC
R-45 S1	880.0	02/07/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0767	—	—	0.067	mg/L	Y	J	J	2017-986	CAMO-17-129411	GELC
R-45 S1	880.0	11/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.067	mg/L	Y	U	U	2017-516	CAMO-17-127254	GELC
R-45 S1	880.0	07/28/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0693	—	—	0.067	mg/L	Y	J	J	2016-1820	CAMO-16-124249	GELC
R-45 S1	880.0	07/28/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0711	—	—	0.067	mg/L	Y	J	J	2016-1820	CAMO-16-124298	GELC
R-45 S1	880.0	05/10/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0684	—	—	0.067	mg/L	Y	J	J	2016-1178	CAMO-16-115282	GELC
R-45 S1	880.0	02/10/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.067	mg/L	Y	U	U	2016-726	CAMO-16-110044	GELC
R-45 S1	880.0	12/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	19.2	—	—	0.05	mg/L	Y	—	NQ	2018-1306	CAMO-18-150342	GELC
R-45 S1	880.0	11/20/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	18.3	—	—	0.05	mg/L	Y	—	NQ	2018-1038	CAMO-18-148063	GELC
R-45 S1	880.0	10/31/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	19.1	—	—	0.05	mg/L	Y	—	NQ	2018-656	CAMO-18-147640	GELC
R-45 S1	880.0	08/02/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	19	—	—	0.05	mg/L	Y	—	NQ	2017-2301	CAMO-17-142778	GELC
R-45 S1	880.0	08/02/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	18.9	—	—	0.05	mg/L	Y	—	NQ	2017-2301	CAMO-17-142781	GELC
R-45 S1	880.0	05/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	18.9	—	—	0.05	mg/L	Y	—	NQ	2017-1552	CAMO-17-132211	GELC
R-45 S1	880.0	02/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	18.3	—	—	0.05	mg/L	Y	—	NQ	2017-986	CAMO-17-129411	GELC
R-45 S1	880.0	11/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	18.5	—	—	0.05	mg/L	Y	—	NQ	2017-516	CAMO-17-127254	GELC
R-45 S1	880.0	07/28/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	18.6	—	—	0.05	mg/L	Y	—	NQ	2016-1820	CAMO-16-124298	GELC
R-45 S1	880.0	07/28/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	18.7	—	—	0.05	mg/L	Y	—	NQ	2016-1820	CAMO-16-124249	GELC
R-45 S1	880.0	05/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	18.3	—	—	0.05	mg/L	Y	—	NQ	2016-1178	CAMO-16-115282	GELC
R-45 S1	880.0	02/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.3	—	—	0.05	mg/L	Y	—	NQ	2016-726	CAMO-16-110044	GELC
R-45 S1	880.0	11/20/17	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.155	1.06	4.11	—	pCi/L	Y	U	U	2018-1038	CAMO-18-148079	GELC
R-45 S1	880.0	11/11/15	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.667	1.66	6.1	—	pCi/L	Y	U	U	2016-316	CAMO-16-106107	GELC
R-45 S1	880.0	11/05/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.659	1.42	4.3	—	pCi/L	Y	U	U	2015-239	CAMO-15-90218	GELC
R-45 S1	880.0	11/06/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.912	1.7	5.99	—	pCi/L	Y	U	U	2013-276	CAMO-13-24247	GELC
R-45 S1	880.0	07/02/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.709	0.94	2.9	—	pCi/L	Y	U	U	10-3567	CAMO-10-22877	GELC
R-45 S1	880.0	12/18/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.7	—	—	0.067	mg/L	Y	—	J+	2018-1306	CAMO-18-150342	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-45 S1	880.0	11/20/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.37	—	—	0.067	mg/L	Y	—	NQ	2018-1038	CAMO-18-148063	GELC
R-45 S1	880.0	10/31/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.1	—	—	0.067	mg/L	Y	—	NQ	2018-656	CAMO-18-147640	GELC
R-45 S1	880.0	08/02/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.61	—	—	0.067	mg/L	Y	—	NQ	2017-2301	CAMO-17-142778	GELC
R-45 S1	880.0	08/02/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.62	—	—	0.067	mg/L	Y	—	NQ	2017-2301	CAMO-17-142781	GELC
R-45 S1	880.0	05/17/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.07	—	—	0.067	mg/L	Y	—	NQ	2017-1552	CAMO-17-132211	GELC
R-45 S1	880.0	02/07/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.3	—	—	0.067	mg/L	Y	—	NQ	2017-986	CAMO-17-129411	GELC
R-45 S1	880.0	11/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.25	—	—	0.067	mg/L	Y	—	NQ	2017-516	CAMO-17-127254	GELC
R-45 S1	880.0	07/28/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.31	—	—	0.067	mg/L	Y	—	NQ	2016-1820	CAMO-16-124249	GELC
R-45 S1	880.0	07/28/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.3	—	—	0.067	mg/L	Y	—	NQ	2016-1820	CAMO-16-124298	GELC
R-45 S1	880.0	05/10/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.13	—	—	0.067	mg/L	Y	—	NQ	2016-1178	CAMO-16-115282	GELC
R-45 S1	880.0	02/10/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.92	—	—	0.067	mg/L	Y	—	NQ	2016-726	CAMO-16-110044	GELC
R-45 S1	880.0	12/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	50.7	—	—	3	µg/L	Y	—	NQ	2018-1306	CAMO-18-150342	GELC
R-45 S1	880.0	11/20/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	41.7	—	—	3	µg/L	Y	—	NQ	2018-1038	CAMO-18-148063	GELC
R-45 S1	880.0	10/31/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	42.4	—	—	3	µg/L	Y	—	NQ	2018-656	CAMO-18-147640	GELC
R-45 S1	880.0	08/02/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	42.7	—	—	3	µg/L	Y	—	NQ	2017-2301	CAMO-17-142778	GELC
R-45 S1	880.0	08/02/17	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	43	—	—	3	µg/L	Y	—	NQ	2017-2301	CAMO-17-142781	GELC
R-45 S1	880.0	05/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	41.7	—	—	3	µg/L	Y	—	NQ	2017-1552	CAMO-17-132211	GELC
R-45 S1	880.0	02/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	43.4	—	—	3	µg/L	Y	—	NQ	2017-986	CAMO-17-129411	GELC
R-45 S1	880.0	11/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	42.3	—	—	3	µg/L	Y	—	NQ	2017-516	CAMO-17-127254	GELC
R-45 S1	880.0	07/28/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	41.9	—	—	2	µg/L	Y	—	NQ	2016-1820	CAMO-16-124298	GELC
R-45 S1	880.0	07/28/16	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	42.2	—	—	2	µg/L	Y	—	NQ	2016-1820	CAMO-16-124249	GELC
R-45 S1	880.0	05/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	40	—	—	2	µg/L	Y	—	NQ	2016-1178	CAMO-16-115282	GELC
R-45 S1	880.0	02/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	39.8	—	—	2	µg/L	Y	—	NQ	2016-726	CAMO-16-110044	GELC
R-45 S1	880.0	08/02/17	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.03	—	—	—	%	Y	—	NQ	2017-2464	CAMO-17-142781	UIL
R-45 S1	880.0	08/02/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.12	—	—	—	%	Y	—	NQ	2017-2464	CAMO-17-142778	UIL
R-45 S1	880.0	05/17/17	WG	F	REP	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.05	—	—	—	%	Y	—	NQ	2017-2466	CAMO-17-132211	UIL
R-45 S1	880.0	05/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.04	—	—	—	%	N	—	NQ	2017-2466	CAMO-17-132211	UIL
R-45 S1	880.0	02/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.01	—	—	—	%	Y	—	NQ	2017-1392	CAMO-17-129411	UIL
R-45 S1	880.0	11/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	0.98	—	—	—	%	Y	—	NQ	2017-650	CAMO-17-127254	UIL
R-45 S1	880.0	07/28/16	WG	F	REP	FD	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1	—	—	—	%	Y	—	NQ	2017-29	CAMO-16-124249	UIL
R-45 S1	880.0	07/28/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	0.9	—	—	—	%	Y	—	NQ	2017-29	CAMO-16-124298	UIL
R-45 S1	880.0	07/28/16	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	0.96	—	—	—	%	N	—	NQ	2017-29	CAMO-16-124249	UIL
R-45 S1	880.0	05/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.02	—	—	—	%	Y	—	NQ	2016-1262	CAMO-16-115282	UIL
R-45 S1	880.0	02/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.1	—	—	—	%	Y	—	NQ	2016-1025	CAMO-16-110044	UIL
R-45 S1	880.0	11/20/17	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.178	1.17	4.92	—	pCi/L	Y	U	U	2018-1038	CAMO-18-148079	GELC
R-45 S1	880.0	11/11/15	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	4.24	1.51	6.91	—	pCi/L	Y	U	U	2016-316	CAMO-16-106107	GELC
R-45 S1	880.0	11/05/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.42	1.21	4.09	—	pCi/L	Y	U	U	2015-239	CAMO-15-90218	GELC
R-45 S1	880.0	11/06/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.56	1.66	5.75	—	pCi/L	Y	U	U	2013-276	CAMO-13-24247	GELC
R-45 S1	880.0	07/02/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.166	0.91	3	—	pCi/L	Y	U	U	10-3567	CAMO-10-22877	GELC
R-45 S1	880.0	12/18/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.326	—	—	0.033	mg/L	Y	—	NQ	2018-1306	CAMO-18-150342	GELC
R-45 S1	880.0	11/20/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.252	—	—	0.033	mg/L	Y	—	NQ	2018-1038	CAMO-18-148063	GELC
R-45 S1	880.0	10/31/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.223	—	—	0.033	mg/L	Y	—	NQ	2018-656	CAMO-18-147640	GELC
R-45 S1	880.0	08/02/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.262	—	—	0.033	mg/L	Y	—	NQ	2017-2301	CAMO-17-142778	GELC
R-45 S1	880.0	08/02/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.237	—	—	0.033	mg/L	Y	—	NQ	2017-2301	CAMO-17-142781	GELC
R-45 S1	880.0	05/17/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.326	—	—	0.033	mg/L	Y	—	NQ	2017-1552	CAMO-17-132211	GELC
R-45 S1	880.0	02/07/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.242	—	—	0.033	mg/L	Y	—	NQ	2017-986	CAMO-17-129411	GELC
R-45 S1	880.0	11/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.237	—	—	0.033	mg/L	Y	—	NQ	2017-516	CAMO-17-127254	GELC
R-45 S1	880.0	07/28/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.227	—	—	0.033	mg/L	Y	—	NQ	2016-1820	CAMO-16-124249	GELC
R-45 S1	880.0	07/28/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.229	—	—	0.033	mg/L	Y	—	NQ	2016-1820	CAMO-16-124298	GELC
R-45 S1	880.0	05/10/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.27	—	—	0.033	mg/L	Y	—	NQ	2016-1178	CAMO-16-115282	GELC
R-45 S1	880.0	02/10/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.231	—	—	0.033	mg/L	Y	—	NQ	2016-726	CAMO-16-110044	GELC
R-45 S1	880.0	11/20/17	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.1	0.948	2.85	—	pCi/L	Y	U	U	2018-1038	CAMO-18-148079	GELC
R-45 S1	880.0	11/11/15	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.914	0.583	2.88	—	pCi/L	Y	U	U	2016-316	CAMO-16-106107	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-45 S1	880.0	11/05/14	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-1.15	0.559	2.97	—	pCi/L	Y	U	U	2015-239	CAMO-15-90218	GELC
R-45 S1	880.0	11/06/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.806	0.75	2.78	—	pCi/L	Y	U	U	2013-276	CAMO-13-24247	GELC
R-45 S1	880.0	07/02/10	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.732	0.77	2.9	—	pCi/L	Y	U	U	10-3567	CAMO-10-22877	GELC
R-45 S1	880.0	11/20/17	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.24	0.772	2.24	—	pCi/L	Y	U	U	2018-1038	CAMO-18-148079	GELC
R-45 S1	880.0	11/11/15	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.3	0.886	2.8	—	pCi/L	Y	U	U	2016-316	CAMO-16-106107	GELC
R-45 S1	880.0	11/05/14	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	-0.153	0.601	2.2	—	pCi/L	Y	U	U	2015-239	CAMO-15-90218	GELC
R-45 S1	880.0	11/06/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.68	0.674	2.02	—	pCi/L	Y	U	U	2013-276	CAMO-13-24247	GELC
R-45 S1	880.0	07/02/10	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	-0.0498	0.69	2.6	—	pCi/L	Y	U	U	10-3567	CAMO-10-22877	GELC
R-45 S1	880.0	12/18/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	69.7	—	—	0.453	mg/L	Y	—	NQ	2018-1306	CAMO-18-150342	GELC
R-45 S1	880.0	11/20/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	65.7	—	—	0.453	mg/L	Y	—	NQ	2018-1038	CAMO-18-148063	GELC
R-45 S1	880.0	10/31/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	69.2	—	—	0.453	mg/L	Y	—	NQ	2018-656	CAMO-18-147640	GELC
R-45 S1	880.0	08/02/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	68.6	—	—	0.453	mg/L	Y	—	NQ	2017-2301	CAMO-17-142778	GELC
R-45 S1	880.0	08/02/17	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	68.5	—	—	0.453	mg/L	Y	—	NQ	2017-2301	CAMO-17-142781	GELC
R-45 S1	880.0	05/17/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	68.8	—	—	0.453	mg/L	Y	—	NQ	2017-1552	CAMO-17-132211	GELC
R-45 S1	880.0	02/07/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	65.8	—	—	0.453	mg/L	Y	—	NQ	2017-986	CAMO-17-129411	GELC
R-45 S1	880.0	11/17/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	67.5	—	—	0.453	mg/L	Y	—	NQ	2017-516	CAMO-17-127254	GELC
R-45 S1	880.0	07/28/16	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	67.5	—	—	0.453	mg/L	Y	—	NQ	2016-1820	CAMO-16-124249	GELC
R-45 S1	880.0	07/28/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	67	—	—	0.453	mg/L	Y	—	NQ	2016-1820	CAMO-16-124298	GELC
R-45 S1	880.0	05/10/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	66.9	—	—	0.453	mg/L	Y	—	NQ	2016-1178	CAMO-16-115282	GELC
R-45 S1	880.0	02/10/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	63.6	—	—	0.453	mg/L	Y	—	NQ	2016-726	CAMO-16-110044	GELC
R-45 S1	880.0	11/20/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	Y	1.52	—	—	0.5	µg/L	Y	J	J	2018-1038	CAMO-18-148063	GELC
R-45 S1	880.0	10/31/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	—	0.5	µg/L	Y	U	U	2018-656	CAMO-18-147640	GELC
R-45 S1	880.0	08/02/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	—	0.5	µg/L	Y	U	U	2017-2301	CAMO-17-142778	GELC
R-45 S1	880.0	08/02/17	WG	F	INIT	FD	INORGANIC	SW-846:6020	Lead	Pb	N	0.5	—	—	0.5	µg/L	Y	U	U	2017-2301	CAMO-17-142781	GELC
R-45 S1	880.0	05/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	2	—	—	0.5	µg/L	Y	U	U	2017-1552	CAMO-17-132211	GELC
R-45 S1	880.0	02/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Lead	Pb	N	2	—	—	0.5	µg/L	Y	U	U	2017-986	CAMO-17-129411	GELC
R-45 S1	880.0	12/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.28	—	—	0.11	mg/L	Y	—	NQ	2018-1306	CAMO-18-150342	GELC
R-45 S1	880.0	11/20/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.89	—	—	0.11	mg/L	Y	—	NQ	2018-1038	CAMO-18-148063	GELC
R-45 S1	880.0	10/31/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.24	—	—	0.11	mg/L	Y	—	NQ	2018-656	CAMO-18-147640	GELC
R-45 S1	880.0	08/02/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.16	—	—	0.11	mg/L	Y	—	NQ	2017-2301	CAMO-17-142778	GELC
R-45 S1	880.0	08/02/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.16	—	—	0.11	mg/L	Y	—	NQ	2017-2301	CAMO-17-142781	GELC
R-45 S1	880.0	05/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.23	—	—	0.11	mg/L	Y	—	NQ	2017-1552	CAMO-17-132211	GELC
R-45 S1	880.0	02/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.88	—	—	0.11	mg/L	Y	—	NQ	2017-986	CAMO-17-129411	GELC
R-45 S1	880.0	11/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.14	—	—	0.11	mg/L	Y	—	NQ	2017-516	CAMO-17-127254	GELC
R-45 S1	880.0	07/28/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.97	—	—	0.11	mg/L	Y	—	NQ	2016-1820	CAMO-16-124298	GELC
R-45 S1	880.0	07/28/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.03	—	—	0.11	mg/L	Y	—	NQ	2016-1820	CAMO-16-124249	GELC
R-45 S1	880.0	05/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.15	—	—	0.11	mg/L	Y	—	NQ	2016-1178	CAMO-16-115282	GELC
R-45 S1	880.0	02/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.95	—	—	0.11	mg/L	Y	—	NQ	2016-726	CAMO-16-110044	GELC
R-45 S1	880.0	12/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.79	—	—	0.2	µg/L	Y	—	NQ	2018-1306	CAMO-18-150342	GELC
R-45 S1	880.0	11/20/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.949	—	—	0.2	µg/L	Y	—	NQ	2018-1038	CAMO-18-148063	GELC
R-45 S1	880.0	10/31/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.861	—	—	0.2	µg/L	Y	—	NQ	2018-656	CAMO-18-147640	GELC
R-45 S1	880.0	08/02/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.78	—	—	0.2	µg/L	Y	—	NQ	2017-2301	CAMO-17-142778	GELC
R-45 S1	880.0	08/02/17	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.791	—	—	0.2	µg/L	Y	—	NQ	2017-2301	CAMO-17-142781	GELC
R-45 S1	880.0	05/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.997	—	—	0.2	µg/L	Y	—	NQ	2017-1552	CAMO-17-132211	GELC
R-45 S1	880.0	02/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.963	—	—	0.3	µg/L	Y	—	NQ	2017-986	CAMO-17-129411	GELC
R-45 S1	880.0	11/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.847	—	—	0.3	µg/L	Y	—	NQ	2017-516	CAMO-17-127254	GELC
R-45 S1	880.0	07/28/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.771	—	—	0.165	µg/L	Y	—	NQ	2016-1820	CAMO-16-124298	GELC
R-45 S1	880.0	07/28/16	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.732	—	—	0.165	µg/L	Y	—	NQ	2016-1820	CAMO-16-124249	GELC
R-45 S1	880.0	05/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.869	—	—	0.165	µg/L	Y	—	NQ	2016-1178	CAMO-16-115282	GELC
R-45 S1	880.0	02/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.93	—	—	0.165	µg/L	Y	—	NQ	2016-726	CAMO-16-110044	GELC
R-45 S1	880.0	11/20/17	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	7.51	3.13	12.5	—	pCi/L	Y	U	U	2018-1038	CAMO-18-148079	GELC
R-45 S1	880.0	11/11/15	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.53	2.94	10.8	—	pCi/L	Y	U	U	2016-316	CAMO-16-106107	GELC
R-45 S1	880.0	11/05/14	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.19	2.5	8.94	—	pCi/L	Y	U	U	2015-239	CAMO-15-90218	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-45 S1	880.0	11/06/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-5.88	3.63	11.7	—	pCi/L	Y	U	U	2013-276	CAMO-13-24247	GELC
R-45 S1	880.0	07/02/10	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.2	1.4	4.4	—	pCi/L	Y	U	U	10-3567	CAMO-10-22877	GELC
R-45 S1	880.0	12/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.839	—	—	0.6	µg/L	Y	J	J	2018-1306	CAMO-18-150342	GELC
R-45 S1	880.0	11/20/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.26	—	—	0.6	µg/L	Y	J	J	2018-1038	CAMO-18-148063	GELC
R-45 S1	880.0	10/31/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.29	—	—	0.6	µg/L	Y	J	J	2018-656	CAMO-18-147640	GELC
R-45 S1	880.0	08/02/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.845	—	—	0.6	µg/L	Y	J	J	2017-2301	CAMO-17-142778	GELC
R-45 S1	880.0	08/02/17	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.892	—	—	0.6	µg/L	Y	J	J	2017-2301	CAMO-17-142781	GELC
R-45 S1	880.0	05/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.807	—	—	0.6	µg/L	Y	J	J	2017-1552	CAMO-17-132211	GELC
R-45 S1	880.0	02/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.933	—	—	0.5	µg/L	Y	J	J	2017-986	CAMO-17-129411	GELC
R-45 S1	880.0	11/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.814	—	—	0.5	µg/L	Y	J	J	2017-516	CAMO-17-127254	GELC
R-45 S1	880.0	07/28/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.878	—	—	0.5	µg/L	Y	J	J	2016-1820	CAMO-16-124298	GELC
R-45 S1	880.0	07/28/16	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.88	—	—	0.5	µg/L	Y	J	J	2016-1820	CAMO-16-124249	GELC
R-45 S1	880.0	05/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.933	—	—	0.5	µg/L	Y	J	J	2016-1178	CAMO-16-115282	GELC
R-45 S1	880.0	02/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.75	—	—	0.5	µg/L	Y	J	J	2016-726	CAMO-16-110044	GELC
R-45 S1	880.0	12/18/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.91	—	—	0.017	mg/L	Y	—	NQ	2018-1306	CAMO-18-150342	GELC
R-45 S1	880.0	11/20/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.99	—	—	0.17	mg/L	Y	—	NQ	2018-1038	CAMO-18-148063	GELC
R-45 S1	880.0	10/31/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.15	—	—	0.085	mg/L	Y	—	NQ	2018-656	CAMO-18-147640	GELC
R-45 S1	880.0	08/02/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.06	—	—	0.085	mg/L	Y	—	NQ	2017-2301	CAMO-17-142778	GELC
R-45 S1	880.0	08/02/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.03	—	—	0.085	mg/L	Y	—	NQ	2017-2301	CAMO-17-142781	GELC
R-45 S1	880.0	05/17/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.13	—	—	0.17	mg/L	Y	—	NQ	2017-1552	CAMO-17-132211	GELC
R-45 S1	880.0	02/07/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.93	—	—	0.085	mg/L	Y	—	NQ	2017-986	CAMO-17-129411	GELC
R-45 S1	880.0	11/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.88	—	—	0.17	mg/L	Y	—	NQ	2017-516	CAMO-17-127254	GELC
R-45 S1	880.0	07/28/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.89	—	—	0.17	mg/L	Y	—	NQ	2016-1820	CAMO-16-124249	GELC
R-45 S1	880.0	07/28/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.24	—	—	0.17	mg/L	Y	—	NQ	2016-1820	CAMO-16-124298	GELC
R-45 S1	880.0	05/10/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.2	—	—	0.17	mg/L	Y	—	NQ	2016-1178	CAMO-16-115282	GELC
R-45 S1	880.0	02/10/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.01	—	—	0.085	mg/L	Y	—	NQ	2016-726	CAMO-16-110044	GELC
R-45 S1	880.0	05/17/17	WG	F	INIT	REG	GENERAL CHEMISTRY	Generic:Nitrogen Isotope Ratio	Nitrogen-15/Nitrogen-14 Ratio	N15N14	Y	4.9914	—	—	—	permil	Y	—	NQ	2017-1548	CAMO-17-132211	EES6
R-45 S1	880.0	11/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	Generic:Nitrogen Isotope Ratio	Nitrogen-15/Nitrogen-14 Ratio	N15N14	Y	4.6111	—	—	—	permil	Y	—	NQ	2017-514	CAMO-17-127254	EES6
R-45 S1	880.0	05/10/16	WG	F	INIT	REG	GENERAL CHEMISTRY	Generic:Nitrogen Isotope Ratio	Nitrogen-15/Nitrogen-14 Ratio	N15N14	Y	4.8776	—	—	—	permil	Y	—	NQ	2016-1171	CAMO-16-115282	EES6
R-45 S1	880.0	11/11/15	WG	F	INIT	REG	GENERAL CHEMISTRY	Generic:Nitrogen Isotope Ratio	Nitrogen-15/Nitrogen-14 Ratio	N15N14	Y	5.0952	—	—	—	permil	Y	—	NQ	2016-309	CAMO-16-106128	EES6
R-45 S1	880.0	11/05/14	WG	F	INIT	REG	GENERAL CHEMISTRY	Generic:Nitrogen Isotope Ratio	Nitrogen-15/Nitrogen-14 Ratio	N15N14	Y	4.03962	—	—	—	permil	Y	—	NQ	2015-234	CAMO-15-90235	EES6
R-45 S1	880.0	05/17/17	WG	F	INIT	REG	GENERAL CHEMISTRY	Generic:Oxygen Isotope Ratio	Oxygen-18/Oxygen-16 Ratio from Nitrate	O18O16-NO3	Y	-1.9187	—	—	—	permil	Y	—	NQ	2017-1548	CAMO-17-132211	EES6
R-45 S1	880.0	11/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	Generic:Oxygen Isotope Ratio	Oxygen-18/Oxygen-16 Ratio from Nitrate	O18O16-NO3	Y	-2.5087	—	—	—	permil	Y	—	NQ	2017-514	CAMO-17-127254	EES6
R-45 S1	880.0	05/10/16	WG	F	INIT	REG	GENERAL CHEMISTRY	Generic:Oxygen Isotope Ratio	Oxygen-18/Oxygen-16 Ratio from Nitrate	O18O16-NO3	Y	-2.1176	—	—	—	permil	Y	—	NQ	2016-1171	CAMO-16-115282	EES6
R-45 S1	880.0	11/11/15	WG	F	INIT	REG	GENERAL CHEMISTRY	Generic:Oxygen Isotope Ratio	Oxygen-18/Oxygen-16 Ratio from Nitrate	O18O16-NO3	Y	0.23098	—	—	—	permil	Y	—	NQ	2016-309	CAMO-16-106128	EES6
R-45 S1	880.0	11/05/14	WG	F	INIT	REG	GENERAL CHEMISTRY	Generic:Oxygen Isotope Ratio	Oxygen-18/Oxygen-16 Ratio from Nitrate	O18O16-NO3	Y	-3.52902	—	—	—	permil	Y	—	NQ	2015-234	CAMO-15-90235	EES6
R-45 S1	880.0	12/18/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.642	—	—	0.05	µg/L	Y	—	NQ	2018-1306	CAMO-18-150342	GELC
R-45 S1	880.0	11/20/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.515	—	—	0.05	µg/L	Y	—	NQ	2018-1038	CAMO-18-148063	GELC
R-45 S1	880.0	10/31/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.588	—	—	0.05	µg/L	Y	—	NQ	2018-656	CAMO-18-147640	GELC
R-45 S1	880.0	08/02/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.598	—	—	0.05	µg/L	Y	—	NQ	2017-2301	CAMO-17-142778	GELC
R-45 S1	880.0	08/02/17	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.611	—	—	0.05	µg/L	Y	—	NQ	2017-2301	CAMO-17-142781	GELC
R-45 S1	880.0	05/17/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.605	—	—	0.05	µg/L	Y	—	NQ	2017-1552	CAMO-17-132211	GELC
R-45 S1	880.0	02/07/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.603	—	—	0.05	µg/L	Y	—	NQ	2017-986	CAMO-17-129411	GELC
R-45 S1	880.0	11/17/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.612	—	—	0.05	µg/L	Y	—	NQ	2017-516	CAMO-17-127254	GELC
R-45 S1	880.0	07/28/16	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.627	—	—	0.05	µg/L	Y	—	NQ	2016-1820	CAMO-16-124249	GELC
R-45 S1	880.0	07/28/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.616	—	—	0.05	µg/L	Y	—	NQ	2016-1820	CAMO-16-124298	GELC
R-45 S1	880.0	05/10/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.66	—	—	0.05	µg/L	Y	—	NQ	2016-1178	CAMO-16-115282	GELC
R-45 S1	880.0	02/10/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.586	—	—	0.05	µg/L	Y	—	NQ	2016-726	CAMO-16-110044	GELC
R-45 S1	880.0	11/20/17	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00833	0.00659	0.0307	—	pCi/L	Y	U	U	2018-1038	CAMO-18-148079	GELC
R-45 S1	880.0	11/11/15	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0048	0.00759	0.0281	—	pCi/L	Y	U	U	2016-316	CAMO-16-106107	GELC
R-45 S1	880.0	11/05/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00683	0.00683	0.0458	—	pCi/L	Y	U	U	2015-239	CAMO-15-90218	GELC
R-45 S1	880.0	11/06/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00169	0.0059	0.0278	—	pCi/L	Y	U	U	2013-276	CAMO-13-24247	GELC
R-45 S1	880.0	07/02/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00238	0.0034	0.032	—	pCi/L	Y	U	U	10-3567	CAMO-10-22877	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-45 S1	880.0	11/20/17	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0146	0.00859	0.0439	—	pCi/L	Y	U	U	2018-1038	CAMO-18-148079	GELC
R-45 S1	880.0	11/11/15	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0024	0.00796	0.0539	—	pCi/L	Y	U	U	2016-316	CAMO-16-106107	GELC
R-45 S1	880.0	11/05/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0102	0.00764	0.0676	—	pCi/L	Y	U	U	2015-239	CAMO-15-90218	GELC
R-45 S1	880.0	11/06/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00301	0.00487	0.0459	—	pCi/L	Y	U	U	2013-276	CAMO-13-24247	GELC
R-45 S1	880.0	07/02/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.0034	0.032	—	pCi/L	Y	U	U	10-3567	CAMO-10-22877	GELC
R-45 S1	880.0	12/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.12	—	—	0.05	mg/L	Y	—	NQ	2018-1306	CAMO-18-150342	GELC
R-45 S1	880.0	11/20/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.33	—	—	0.05	mg/L	Y	—	NQ	2018-1038	CAMO-18-148063	GELC
R-45 S1	880.0	10/31/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.16	—	—	0.05	mg/L	Y	—	NQ	2018-656	CAMO-18-147640	GELC
R-45 S1	880.0	08/02/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.24	—	—	0.05	mg/L	Y	—	NQ	2017-2301	CAMO-17-142778	GELC
R-45 S1	880.0	08/02/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	1.24	—	—	0.05	mg/L	Y	—	NQ	2017-2301	CAMO-17-142781	GELC
R-45 S1	880.0	05/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.3	—	—	0.05	mg/L	Y	—	NQ	2017-1552	CAMO-17-132211	GELC
R-45 S1	880.0	02/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.26	—	—	0.05	mg/L	Y	—	NQ	2017-986	CAMO-17-129411	GELC
R-45 S1	880.0	11/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.25	—	—	0.05	mg/L	Y	—	NQ	2017-516	CAMO-17-127254	GELC
R-45 S1	880.0	07/28/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.25	—	—	0.05	mg/L	Y	—	NQ	2016-1820	CAMO-16-124298	GELC
R-45 S1	880.0	07/28/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	1.24	—	—	0.05	mg/L	Y	—	NQ	2016-1820	CAMO-16-124249	GELC
R-45 S1	880.0	05/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.23	—	—	0.05	mg/L	Y	—	NQ	2016-1178	CAMO-16-115282	GELC
R-45 S1	880.0	02/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.23	—	—	0.05	mg/L	Y	—	NQ	2016-726	CAMO-16-110044	GELC
R-45 S1	880.0	11/20/17	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	48.2	28.3	48.1	—	pCi/L	Y	UI	U	2018-1038	CAMO-18-148079	GELC
R-45 S1	880.0	11/11/15	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-0.873	15.6	63.5	—	pCi/L	Y	U	U	2016-316	CAMO-16-106107	GELC
R-45 S1	880.0	11/05/14	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-10.3	19	53.9	—	pCi/L	Y	U	U	2015-239	CAMO-15-90218	GELC
R-45 S1	880.0	11/06/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	0.685	22.8	85.3	—	pCi/L	Y	U	U	2013-276	CAMO-13-24247	GELC
R-45 S1	880.0	07/02/10	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	25.3	9.9	37	—	pCi/L	Y	U	U	10-3567	CAMO-10-22877	GELC
R-45 S1	880.0	11/20/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	Y	2.05	—	—	2	µg/L	Y	J	J	2018-1038	CAMO-18-148063	GELC
R-45 S1	880.0	10/31/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2	—	—	2	µg/L	Y	U	U	2018-656	CAMO-18-147640	GELC
R-45 S1	880.0	08/02/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2	—	—	2	µg/L	Y	U	U	2017-2301	CAMO-17-142778	GELC
R-45 S1	880.0	08/02/17	WG	F	INIT	FD	INORGANIC	SW-846:6020	Selenium	Se	N	2	—	—	2	µg/L	Y	U	U	2017-2301	CAMO-17-142781	GELC
R-45 S1	880.0	05/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	5	—	—	2	µg/L	Y	U	U	2017-1552	CAMO-17-132211	GELC
R-45 S1	880.0	02/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	5	—	—	2	µg/L	Y	U	U	2017-986	CAMO-17-129411	GELC
R-45 S1	880.0	12/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.6	—	—	0.053	mg/L	Y	—	NQ	2018-1306	CAMO-18-150342	GELC
R-45 S1	880.0	11/20/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.9	—	—	0.053	mg/L	Y	—	NQ	2018-1038	CAMO-18-148063	GELC
R-45 S1	880.0	10/31/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.2	—	—	0.053	mg/L	Y	—	J-	2018-656	CAMO-18-147640	GELC
R-45 S1	880.0	08/02/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.3	—	—	0.053	mg/L	Y	—	NQ	2017-2301	CAMO-17-142778	GELC
R-45 S1	880.0	08/02/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.5	—	—	0.053	mg/L	Y	—	NQ	2017-2301	CAMO-17-142781	GELC
R-45 S1	880.0	05/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.1	—	—	0.053	mg/L	Y	—	NQ	2017-1552	CAMO-17-132211	GELC
R-45 S1	880.0	02/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.8	—	—	0.053	mg/L	Y	—	NQ	2017-986	CAMO-17-129411	GELC
R-45 S1	880.0	11/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.5	—	—	0.053	mg/L	Y	—	NQ	2017-516	CAMO-17-127254	GELC
R-45 S1	880.0	07/28/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.7	—	—	0.053	mg/L	Y	—	NQ	2016-1820	CAMO-16-124298	GELC
R-45 S1	880.0	07/28/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.5	—	—	0.053	mg/L	Y	—	NQ	2016-1820	CAMO-16-124249	GELC
R-45 S1	880.0	05/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	72.3	—	—	0.053	mg/L	Y	—	NQ	2016-1178	CAMO-16-115282	GELC
R-45 S1	880.0	02/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.4	—	—	0.053	mg/L	Y	—	NQ	2016-726	CAMO-16-110044	GELC
R-45 S1	880.0	12/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.6	—	—	0.1	mg/L	Y	—	NQ	2018-1306	CAMO-18-150342	GELC
R-45 S1	880.0	11/20/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.1	—	—	0.1	mg/L	Y	—	NQ	2018-1038	CAMO-18-148063	GELC
R-45 S1	880.0	10/31/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.3	—	—	0.1	mg/L	Y	E	NQ	2018-656	CAMO-18-147640	GELC
R-45 S1	880.0	08/02/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.9	—	—	0.1	mg/L	Y	—	NQ	2017-2301	CAMO-17-142778	GELC
R-45 S1	880.0	08/02/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	11	—	—	0.1	mg/L	Y	—	NQ	2017-2301	CAMO-17-142781	GELC
R-45 S1	880.0	05/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.9	—	—	0.1	mg/L	Y	—	NQ	2017-1552	CAMO-17-132211	GELC
R-45 S1	880.0	02/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.9	—	—	0.1	mg/L	Y	—	NQ	2017-986	CAMO-17-129411	GELC
R-45 S1	880.0	11/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.9	—	—	0.1	mg/L	Y	—	NQ	2017-516	CAMO-17-127254	GELC
R-45 S1	880.0	07/28/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.4	—	—	0.1	mg/L	Y	—	NQ	2016-1820	CAMO-16-124298	GELC
R-45 S1	880.0	07/28/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.4	—	—	0.1	mg/L	Y	—	NQ	2016-1820	CAMO-16-124249	GELC
R-45 S1	880.0	05/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.6	—	—	0.1	mg/L	Y	—	NQ	2016-1178	CAMO-16-115282	GELC
R-45 S1	880.0	02/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.7	—	—	0.1	mg/L	Y	—	NQ	2016-726	CAMO-16-110044	GELC
R-45 S1	880.0	11/20/17	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.288	1.14	4.85	—	pCi/L	Y	U	U	2018-1038	CAMO-18-148079	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-45 S1	880.0	11/11/15	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.126	1.57	5.97	—	pCi/L	Y	U	U	2016-316	CAMO-16-106107	GELC
R-45 S1	880.0	11/05/14	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.0293	1.18	4.36	—	pCi/L	Y	U	U	2015-239	CAMO-15-90218	GELC
R-45 S1	880.0	11/06/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.71	1.64	5.62	—	pCi/L	Y	U	U	2013-276	CAMO-13-24247	GELC
R-45 S1	880.0	07/02/10	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.342	0.86	2.8	—	pCi/L	Y	U	U	10-3567	CAMO-10-22877	GELC
R-45 S1	880.0	12/18/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	194	—	—	1	µS/cm	Y	—	NQ	2018-1306	CAMO-18-150342	GELC
R-45 S1	880.0	11/20/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	235	—	—	1	µS/cm	Y	—	NQ	2018-1038	CAMO-18-148063	GELC
R-45 S1	880.0	10/31/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	228	—	—	1	µS/cm	Y	—	NQ	2018-656	CAMO-18-147640	GELC
R-45 S1	880.0	08/02/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	201	—	—	1	µS/cm	Y	—	NQ	2017-2301	CAMO-17-142778	GELC
R-45 S1	880.0	08/02/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	204	—	—	1	µS/cm	Y	—	NQ	2017-2301	CAMO-17-142781	GELC
R-45 S1	880.0	05/17/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	175	—	—	1	µS/cm	Y	—	NQ	2017-1552	CAMO-17-132211	GELC
R-45 S1	880.0	02/07/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	185	—	—	1	µS/cm	Y	—	NQ	2017-986	CAMO-17-129411	GELC
R-45 S1	880.0	11/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	188	—	—	1	µS/cm	Y	—	NQ	2017-516	CAMO-17-127254	GELC
R-45 S1	880.0	07/28/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	162	—	—	3.63	µS/cm	Y	—	NQ	2016-1820	CAMO-16-124249	GELC
R-45 S1	880.0	07/28/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	161	—	—	3.63	µS/cm	Y	—	NQ	2016-1820	CAMO-16-124298	GELC
R-45 S1	880.0	05/10/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	194	—	—	3.63	µS/cm	Y	—	NQ	2016-1178	CAMO-16-115282	GELC
R-45 S1	880.0	02/10/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	208	—	—	1	µS/cm	Y	—	NQ	2016-726	CAMO-16-110044	GELC
R-45 S1	880.0	12/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	81.9	—	—	1	µg/L	Y	—	NQ	2018-1306	CAMO-18-150342	GELC
R-45 S1	880.0	11/20/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	82.1	—	—	1	µg/L	Y	—	NQ	2018-1038	CAMO-18-148063	GELC
R-45 S1	880.0	10/31/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	79	—	—	1	µg/L	Y	E	NQ	2018-656	CAMO-18-147640	GELC
R-45 S1	880.0	08/02/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	80.2	—	—	1	µg/L	Y	—	NQ	2017-2301	CAMO-17-142778	GELC
R-45 S1	880.0	08/02/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	80.4	—	—	1	µg/L	Y	—	NQ	2017-2301	CAMO-17-142781	GELC
R-45 S1	880.0	05/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	84.7	—	—	1	µg/L	Y	—	NQ	2017-1552	CAMO-17-132211	GELC
R-45 S1	880.0	02/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	80.1	—	—	1	µg/L	Y	—	NQ	2017-986	CAMO-17-129411	GELC
R-45 S1	880.0	11/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	77.6	—	—	1	µg/L	Y	—	NQ	2017-516	CAMO-17-127254	GELC
R-45 S1	880.0	07/28/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	79.2	—	—	1	µg/L	Y	—	NQ	2016-1820	CAMO-16-124298	GELC
R-45 S1	880.0	07/28/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	79.5	—	—	1	µg/L	Y	—	NQ	2016-1820	CAMO-16-124249	GELC
R-45 S1	880.0	05/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	88.2	—	—	1	µg/L	Y	—	NQ	2016-1178	CAMO-16-115282	GELC
R-45 S1	880.0	02/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	71.3	—	—	1	µg/L	Y	—	NQ	2016-726	CAMO-16-110044	GELC
R-45 S1	880.0	11/20/17	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.208	0.13	0.488	—	pCi/L	Y	U	U	2018-1038	CAMO-18-148079	GELC
R-45 S1	880.0	11/11/15	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.278	0.111	0.486	—	pCi/L	Y	U	U	2016-316	CAMO-16-106107	GELC
R-45 S1	880.0	11/05/14	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0647	0.132	0.486	—	pCi/L	Y	U	U	2015-239	CAMO-15-90218	GELC
R-45 S1	880.0	11/06/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0292	0.102	0.403	—	pCi/L	Y	U	U	2013-276	CAMO-13-24247	GELC
R-45 S1	880.0	07/02/10	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.354	0.12	0.47	—	pCi/L	Y	U	U	10-3567	CAMO-10-22877	GELC
R-45 S1	880.0	12/18/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	10.2	—	—	0.133	mg/L	Y	—	NQ	2018-1306	CAMO-18-150342	GELC
R-45 S1	880.0	11/20/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	8.47	—	—	0.133	mg/L	Y	—	NQ	2018-1038	CAMO-18-148063	GELC
R-45 S1	880.0	10/31/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	9.2	—	—	0.133	mg/L	Y	—	NQ	2018-656	CAMO-18-147640	GELC
R-45 S1	880.0	08/02/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	8.77	—	—	0.133	mg/L	Y	—	NQ	2017-2301	CAMO-17-142778	GELC
R-45 S1	880.0	08/02/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	8.77	—	—	0.133	mg/L	Y	—	NQ	2017-2301	CAMO-17-142781	GELC
R-45 S1	880.0	05/17/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	9.34	—	—	0.133	mg/L	Y	—	NQ	2017-1552	CAMO-17-132211	GELC
R-45 S1	880.0	02/07/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	8.15	—	—	0.133	mg/L	Y	—	NQ	2017-986	CAMO-17-129411	GELC
R-45 S1	880.0	11/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	8.17	—	—	0.133	mg/L	Y	—	NQ	2017-516	CAMO-17-127254	GELC
R-45 S1	880.0	07/28/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	8.34	—	—	0.133	mg/L	Y	—	NQ	2016-1820	CAMO-16-124249	GELC
R-45 S1	880.0	07/28/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	8.27	—	—	0.133	mg/L	Y	—	NQ	2016-1820	CAMO-16-124298	GELC
R-45 S1	880.0	05/10/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.98	—	—	0.133	mg/L	Y	—	NQ	2016-1178	CAMO-16-115282	GELC
R-45 S1	880.0	02/10/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.71	—	—	0.133	mg/L	Y	—	NQ	2016-726	CAMO-16-110044	GELC
R-45 S1	880.0	12/18/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-1306	CAMO-18-150342	GELC
R-45 S1	880.0	12/18/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-1306	CAMO-18-150350	GELC
R-45 S1	880.0	11/20/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-1038	CAMO-18-148079	GELC
R-45 S1	880.0	11/20/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-1038	CAMO-18-148063	GELC
R-45 S1	880.0	10/31/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	2018-656	CAMO-18-147640	GELC
R-45 S1	880.0	10/31/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	2018-656	CAMO-18-147655	GELC
R-45 S1	880.0	08/02/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	2017-2301	CAMO-17-142310	GELC
R-45 S1	880.0	08/02/17	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	2017-2301	CAMO-17-142315	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-45 S1	880.0	08/02/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	2017-2301	CAMO-17-142778	GELC
R-45 S1	880.0	08/02/17	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	2017-2301	CAMO-17-142781	GELC
R-45 S1	880.0	05/17/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	2017-1552	CAMO-17-132211	GELC
R-45 S1	880.0	05/17/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	2017-1552	CAMO-17-133050	GELC
R-45 S1	880.0	12/18/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	94.3	—	—	3.4	mg/L	Y	—	NQ	2018-1306	CAMO-18-150342	GELC
R-45 S1	880.0	11/20/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	177	—	—	3.4	mg/L	Y	H	NQ	2018-1038	CAMO-18-148063	GELC
R-45 S1	880.0	10/31/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	163	—	—	3.4	mg/L	Y	—	NQ	2018-656	CAMO-18-147640	GELC
R-45 S1	880.0	08/02/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	164	—	—	3.4	mg/L	Y	—	NQ	2017-2301	CAMO-17-142778	GELC
R-45 S1	880.0	08/02/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	167	—	—	3.4	mg/L	Y	—	NQ	2017-2301	CAMO-17-142781	GELC
R-45 S1	880.0	05/17/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	160	—	—	3.4	mg/L	Y	—	NQ	2017-1552	CAMO-17-132211	GELC
R-45 S1	880.0	02/07/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	163	—	—	3.4	mg/L	Y	—	NQ	2017-986	CAMO-17-129411	GELC
R-45 S1	880.0	11/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	231	—	—	3.4	mg/L	Y	—	J	2017-516	CAMO-17-127254	GELC
R-45 S1	880.0	07/28/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	164	—	—	3.4	mg/L	Y	—	NQ	2016-1820	CAMO-16-124249	GELC
R-45 S1	880.0	07/28/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	160	—	—	3.4	mg/L	Y	—	NQ	2016-1820	CAMO-16-124298	GELC
R-45 S1	880.0	05/10/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	141	—	—	3.4	mg/L	Y	—	NQ	2016-1178	CAMO-16-115282	GELC
R-45 S1	880.0	02/10/16	WG	F	RE	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	144	—	—	3.4	mg/L	Y	H	NQ	2016-726	CAMO-16-110044	GELC
R-45 S1	880.0	02/10/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	280	—	—	3.4	mg/L	Y	—	NQ	2016-726	CAMO-16-110044	GELC
R-45 S1	880.0	12/18/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.403	—	—	0.33	mg/L	Y	J	J	2018-1306	CAMO-18-150350	GELC
R-45 S1	880.0	11/20/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.454	—	—	0.33	mg/L	Y	J	J	2018-1038	CAMO-18-148079	GELC
R-45 S1	880.0	10/31/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.875	—	—	0.33	mg/L	Y	J	J	2018-656	CAMO-18-147655	GELC
R-45 S1	880.0	08/02/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.488	—	—	0.33	mg/L	Y	J	J	2017-2301	CAMO-17-142310	GELC
R-45 S1	880.0	08/02/17	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.462	—	—	0.33	mg/L	Y	J	J	2017-2301	CAMO-17-142315	GELC
R-45 S1	880.0	05/17/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.666	—	—	0.33	mg/L	Y	J	J	2017-1552	CAMO-17-133050	GELC
R-45 S1	880.0	02/07/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.767	—	—	0.33	mg/L	Y	J	J	2017-986	CAMO-17-129315	GELC
R-45 S1	880.0	11/17/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.481	—	—	0.33	mg/L	Y	J	J	2017-516	CAMO-17-127234	GELC
R-45 S1	880.0	07/28/16	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.474	—	—	0.33	mg/L	Y	J	J	2016-1820	CAMO-16-124247	GELC
R-45 S1	880.0	07/28/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.714	—	—	0.33	mg/L	Y	J	J	2016-1820	CAMO-16-124274	GELC
R-45 S1	880.0	05/10/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.429	—	—	0.33	mg/L	Y	J	J	2016-1178	CAMO-16-115259	GELC
R-45 S1	880.0	02/10/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.479	—	—	0.33	mg/L	Y	J	J	2016-726	CAMO-16-110026	GELC
R-45 S1	880.0	12/18/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.231	—	—	0.02	mg/L	Y	—	NQ	2018-1306	CAMO-18-150342	GELC
R-45 S1	880.0	11/20/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0202	—	—	0.02	mg/L	Y	J	J	2018-1038	CAMO-18-148063	GELC
R-45 S1	880.0	02/07/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.199	—	—	0.02	mg/L	Y	—	NQ	2017-986	CAMO-17-129411	GELC
R-45 S1	880.0	11/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0233	—	—	0.02	mg/L	Y	J	J	2017-516	CAMO-17-127254	GELC
R-45 S1	880.0	07/28/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.401	—	—	0.02	mg/L	Y	—	NQ	2016-1820	CAMO-16-124249	GELC
R-45 S1	880.0	07/28/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0496	—	—	0.02	mg/L	Y	J	J	2016-1820	CAMO-16-124298	GELC
R-45 S1	880.0	05/10/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.05	—	—	0.02	mg/L	Y	U	U	2016-1178	CAMO-16-115282	GELC
R-45 S1	880.0	02/10/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.05	—	—	0.017	mg/L	Y	U	U	2016-726	CAMO-16-110044	GELC
R-45 S1	880.0	11/20/17	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	3.901	1.05	2.718	—	pCi/L	Y	—	NQ	2018-1067	CAMO-18-148079	ARSL
R-45 S1	880.0	08/02/17	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	2.279	0.865	2.551	—	pCi/L	Y	U	U	2017-2313	CAMO-17-142310	ARSL
R-45 S1	880.0	08/02/17	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	2.751	0.831	2.276	—	pCi/L	Y	—	J-	2017-2313	CAMO-17-142315	ARSL
R-45 S1	880.0	05/17/17	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.626	0.959	3.197	—	pCi/L	Y	U	U	2017-1555	CAMO-17-133050	ARSL
R-45 S1	880.0	11/17/16	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	2.932	0.971	2.751	—	pCi/L	Y	—	J-	2017-541	CAMO-17-127234	ARSL
R-45 S1	880.0	11/11/15	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	5.291	1.12	2.329	—	pCi/L	Y	—	NQ	2016-321	CAMO-16-106107	ARSL
R-45 S1	880.0	11/05/14	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	3.643	0.896	2.16	—	pCi/L	Y	—	NQ	2015-313	CAMO-15-90218	ARSL
R-45 S1	880.0	11/06/13	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.492	0.684	2.097	—	pCi/L	Y	U	U	2014-2413	CAMO-14-45752	ARSL
R-45 S1	880.0	12/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.685	—	—	0.067	µg/L	Y	—	NQ	2018-1306	CAMO-18-150342	GELC
R-45 S1	880.0	11/20/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.827	—	—	0.067	µg/L	Y	—	NQ	2018-1038	CAMO-18-148063	GELC
R-45 S1	880.0	10/31/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.677	—	—	0.067	µg/L	Y	—	NQ	2018-656	CAMO-18-147640	GELC
R-45 S1	880.0	08/02/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.634	—	—	0.067	µg/L	Y	—	NQ	2017-2301	CAMO-17-142778	GELC
R-45 S1	880.0	08/02/17	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.644	—	—	0.067	µg/L	Y	—	NQ	2017-2301	CAMO-17-142781	GELC
R-45 S1	880.0	05/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.708	—	—	0.067	µg/L	Y	—	NQ	2017-1552	CAMO-17-132211	GELC
R-45 S1	880.0	02/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.769	—	—	0.067	µg/L	Y	—	NQ	2017-986	CAMO-17-129411	GELC
R-45 S1	880.0	11/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.777	—	—	0.067	µg/L	Y	—	NQ	2017-516	CAMO-17-127254	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-45 S1	880.0	07/28/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.756	—	—	0.067	µg/L	Y	—	NQ	2016-1820	CAMO-16-124298	GELC
R-45 S1	880.0	07/28/16	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.751	—	—	0.067	µg/L	Y	—	NQ	2016-1820	CAMO-16-124249	GELC
R-45 S1	880.0	05/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.792	—	—	0.067	µg/L	Y	—	NQ	2016-1178	CAMO-16-115282	GELC
R-45 S1	880.0	02/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.763	—	—	0.067	µg/L	Y	—	NQ	2016-726	CAMO-16-110044	GELC
R-45 S1	880.0	11/20/17	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.574	0.0476	0.179	—	pCi/L	Y	—	NQ	2018-1038	CAMO-18-148079	GELC
R-45 S1	880.0	11/11/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.484	0.0296	0.0571	—	pCi/L	Y	—	NQ	2016-316	CAMO-16-106107	GELC
R-45 S1	880.0	11/05/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.541	0.0381	0.0533	—	pCi/L	Y	—	NQ	2015-239	CAMO-15-90218	GELC
R-45 S1	880.0	11/06/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.973	0.0534	0.0617	—	pCi/L	Y	—	NQ	2013-276	CAMO-13-24247	GELC
R-45 S1	880.0	07/02/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.541	0.056	0.079	—	pCi/L	Y	—	NQ	10-3567	CAMO-10-22877	GELC
R-45 S1	880.0	11/20/17	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.133	0.0259	0.0773	—	pCi/L	Y	—	NQ	2018-1038	CAMO-18-148079	GELC
R-45 S1	880.0	11/11/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0259	0.00808	0.0498	—	pCi/L	Y	U	U	2016-316	CAMO-16-106107	GELC
R-45 S1	880.0	11/05/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0129	0.0111	0.0464	—	pCi/L	Y	U	U	2015-239	CAMO-15-90218	GELC
R-45 S1	880.0	11/06/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0319	0.0121	0.0388	—	pCi/L	Y	U	U	2013-276	CAMO-13-24247	GELC
R-45 S1	880.0	07/02/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0228	0.0094	0.048	—	pCi/L	Y	U	U	10-3567	CAMO-10-22877	GELC
R-45 S1	880.0	11/20/17	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.327	0.035	0.105	—	pCi/L	Y	—	NQ	2018-1038	CAMO-18-148079	GELC
R-45 S1	880.0	11/11/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.248	0.0211	0.0563	—	pCi/L	Y	—	NQ	2016-316	CAMO-16-106107	GELC
R-45 S1	880.0	11/05/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.245	0.0275	0.051	—	pCi/L	Y	—	NQ	2015-239	CAMO-15-90218	GELC
R-45 S1	880.0	11/06/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.471	0.0366	0.042	—	pCi/L	Y	—	NQ	2013-276	CAMO-13-24247	GELC
R-45 S1	880.0	07/02/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.23	0.032	0.055	—	pCi/L	Y	—	NQ	10-3567	CAMO-10-22877	GELC
R-45 S1	880.0	12/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.66	—	—	1	µg/L	Y	—	NQ	2018-1306	CAMO-18-150342	GELC
R-45 S1	880.0	11/20/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.8	—	—	1	µg/L	Y	J	J	2018-1038	CAMO-18-148063	GELC
R-45 S1	880.0	10/31/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.58	—	—	1	µg/L	Y	J	J	2018-656	CAMO-18-147640	GELC
R-45 S1	880.0	08/02/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.4	—	—	1	µg/L	Y	J	J	2017-2301	CAMO-17-142778	GELC
R-45 S1	880.0	08/02/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.66	—	—	1	µg/L	Y	J	J	2017-2301	CAMO-17-142781	GELC
R-45 S1	880.0	05/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.7	—	—	1	µg/L	Y	J	J	2017-1552	CAMO-17-132211	GELC
R-45 S1	880.0	02/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.68	—	—	1	µg/L	Y	J	J	2017-986	CAMO-17-129411	GELC
R-45 S1	880.0	11/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.62	—	—	1	µg/L	Y	J	J	2017-516	CAMO-17-127254	GELC
R-45 S1	880.0	07/28/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.42	—	—	1	µg/L	Y	—	NQ	2016-1820	CAMO-16-124298	GELC
R-45 S1	880.0	07/28/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.59	—	—	1	µg/L	Y	J	J	2016-1820	CAMO-16-124249	GELC
R-45 S1	880.0	05/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.83	—	—	1	µg/L	Y	J	J	2016-1178	CAMO-16-115282	GELC
R-45 S1	880.0	02/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.9	—	—	1	µg/L	Y	J	J	2016-726	CAMO-16-110044	GELC
R-45 S1	880.0	11/20/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	6.25	—	—	3.3	µg/L	Y	J	J	2018-1038	CAMO-18-148063	GELC
R-45 S1	880.0	10/31/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	2018-656	CAMO-18-147640	GELC
R-45 S1	880.0	08/02/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	2017-2301	CAMO-17-142778	GELC
R-45 S1	880.0	08/02/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	2017-2301	CAMO-17-142781	GELC
R-45 S1	880.0	05/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2017-1552	CAMO-17-132211	GELC
R-45 S1	880.0	02/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2017-986	CAMO-17-129411	GELC
R-45 S2	974.9	12/18/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.18	—	—	0.01	SU	Y	H	NQ	2018-1306	CAMO-18-150343	GELC
R-45 S2	974.9	10/31/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.06	—	—	0.01	SU	Y	H	NQ	2018-656	CAMO-18-147641	GELC
R-45 S2	974.9	10/31/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.93	—	—	0.01	SU	Y	H	NQ	2018-656	CAMO-18-147681	GELC
R-45 S2	974.9	08/02/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.25	—	—	0.01	SU	Y	H	NQ	2017-2301	CAMO-17-142779	GELC
R-45 S2	974.9	05/17/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.31	—	—	0.01	SU	Y	H	NQ	2017-1552	CAMO-17-132212	GELC
R-45 S2	974.9	02/07/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.27	—	—	0.01	SU	Y	H	NQ	2017-986	CAMO-17-129412	GELC
R-45 S2	974.9	11/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.3	—	—	0.01	SU	Y	H	NQ	2017-516	CAMO-17-127255	GELC
R-45 S2	974.9	07/28/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.25	—	—	0.01	SU	Y	H	NQ	2016-1820	CAMO-16-124299	GELC
R-45 S2	974.9	05/10/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.45	—	—	0.01	SU	Y	H	NQ	2016-1178	CAMO-16-115283	GELC
R-45 S2	974.9	02/10/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.31	—	—	0.01	SU	Y	H	NQ	2016-726	CAMO-16-110045	GELC
R-45 S2	974.9	12/18/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	73.5	—	—	1.45	mg/L	Y	—	NQ	2018-1306	CAMO-18-150343	GELC
R-45 S2	974.9	10/31/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	71	—	—	1.45	mg/L	Y	—	NQ	2018-656	CAMO-18-147641	GELC
R-45 S2	974.9	10/31/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66.7	—	—	1.45	mg/L	Y	—	NQ	2018-656	CAMO-18-147681	GELC
R-45 S2	974.9	08/02/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	74.6	—	—	1.45	mg/L	Y	—	NQ	2017-2301	CAMO-17-142779	GELC
R-45 S2	974.9	05/17/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	79	—	—	1.45	mg/L	Y	—	NQ	2017-1552	CAMO-17-132212	GELC
R-45 S2	974.9	02/07/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	78	—	—	1.45	mg/L	Y	—	NQ	2017-986	CAMO-17-129412	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-45 S2	974.9	11/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	76.6	—	—	1.45	mg/L	Y	—	NQ	2017-516	CAMO-17-127255	GELC
R-45 S2	974.9	07/28/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	75.3	—	—	1.45	mg/L	Y	—	NQ	2016-1820	CAMO-16-124299	GELC
R-45 S2	974.9	05/10/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	75	—	—	0.725	mg/L	Y	—	NQ	2016-1178	CAMO-16-115283	GELC
R-45 S2	974.9	02/10/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	75.3	—	—	0.725	mg/L	Y	—	NQ	2016-726	CAMO-16-110045	GELC
R-45 S2	974.9	10/31/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0446	—	—	0.017	mg/L	Y	J	J	2018-656	CAMO-18-147641	GELC
R-45 S2	974.9	10/31/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0238	—	—	0.017	mg/L	Y	J	J	2018-656	CAMO-18-147681	GELC
R-45 S2	974.9	08/02/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0609	—	—	0.017	mg/L	Y	—	NQ	2017-2301	CAMO-17-142779	GELC
R-45 S2	974.9	02/07/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0648	—	—	0.017	mg/L	Y	—	J	2017-986	CAMO-17-129412	GELC
R-45 S2	974.9	11/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.197	—	—	0.017	mg/L	Y	—	J	2017-516	CAMO-17-127255	GELC
R-45 S2	974.9	07/28/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.325	—	—	0.017	mg/L	Y	—	J	2016-1820	CAMO-16-124299	GELC
R-45 S2	974.9	05/10/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0274	—	—	0.017	mg/L	Y	J	U	2016-1178	CAMO-16-115283	GELC
R-45 S2	974.9	02/10/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0305	—	—	0.017	mg/L	Y	J	J	2016-726	CAMO-16-110045	GELC
R-45 S2	974.9	05/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.81	—	—	2	µg/L	Y	J	J	2017-1552	CAMO-17-132212	GELC
R-45 S2	974.9	02/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.22	—	—	1.7	µg/L	Y	J	J	2017-986	CAMO-17-129412	GELC
R-45 S2	974.9	11/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	1.73	—	—	1.7	µg/L	Y	J	J	2017-516	CAMO-17-127255	GELC
R-45 S2	974.9	07/28/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.02	—	—	1.7	µg/L	Y	J	J	2016-1820	CAMO-16-124299	GELC
R-45 S2	974.9	05/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.24	—	—	1.7	µg/L	Y	J	J	2016-1178	CAMO-16-115283	GELC
R-45 S2	974.9	02/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.03	—	—	1.7	µg/L	Y	J	J	2016-726	CAMO-16-110045	GELC
R-45 S2	974.9	12/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	27.9	—	—	1	µg/L	Y	—	NQ	2018-1306	CAMO-18-150343	GELC
R-45 S2	974.9	10/31/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	30.1	—	—	1	µg/L	Y	—	NQ	2018-656	CAMO-18-147641	GELC
R-45 S2	974.9	10/31/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	30.3	—	—	1	µg/L	Y	—	NQ	2018-656	CAMO-18-147681	GELC
R-45 S2	974.9	08/02/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	28.9	—	—	1	µg/L	Y	—	NQ	2017-2301	CAMO-17-142779	GELC
R-45 S2	974.9	05/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	30.3	—	—	1	µg/L	Y	—	NQ	2017-1552	CAMO-17-132212	GELC
R-45 S2	974.9	02/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	30.3	—	—	1	µg/L	Y	—	NQ	2017-986	CAMO-17-129412	GELC
R-45 S2	974.9	11/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	30	—	—	1	µg/L	Y	—	NQ	2017-516	CAMO-17-127255	GELC
R-45 S2	974.9	07/28/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	29.2	—	—	1	µg/L	Y	—	NQ	2016-1820	CAMO-16-124299	GELC
R-45 S2	974.9	05/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	27.5	—	—	1	µg/L	Y	—	NQ	2016-1178	CAMO-16-115283	GELC
R-45 S2	974.9	02/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	28.3	—	—	1	µg/L	Y	—	NQ	2016-726	CAMO-16-110045	GELC
R-45 S2	974.9	12/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	16.1	—	—	15	µg/L	Y	J	J	2018-1306	CAMO-18-150343	GELC
R-45 S2	974.9	10/31/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	2018-656	CAMO-18-147641	GELC
R-45 S2	974.9	10/31/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	Y	15.1	—	—	15	µg/L	Y	J	J	2018-656	CAMO-18-147681	GELC
R-45 S2	974.9	05/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	18.5	—	—	15	µg/L	Y	J	J	2017-1552	CAMO-17-132212	GELC
R-45 S2	974.9	02/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	20.1	—	—	15	µg/L	Y	J	J	2017-986	CAMO-17-129412	GELC
R-45 S2	974.9	11/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	18.6	—	—	15	µg/L	Y	J	J	2017-516	CAMO-17-127255	GELC
R-45 S2	974.9	07/28/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	50	—	—	15	µg/L	Y	U	U	2016-1820	CAMO-16-124299	GELC
R-45 S2	974.9	05/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	20.3	—	—	15	µg/L	Y	J	J	2016-1178	CAMO-16-115283	GELC
R-45 S2	974.9	02/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	18.4	—	—	15	µg/L	Y	J	J	2016-726	CAMO-16-110045	GELC
R-45 S2	974.9	10/31/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0677	—	—	0.067	mg/L	Y	J	J	2018-656	CAMO-18-147641	GELC
R-45 S2	974.9	10/31/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0776	—	—	0.067	mg/L	Y	J	J	2018-656	CAMO-18-147681	GELC
R-45 S2	974.9	08/02/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067	mg/L	Y	U	U	2017-2301	CAMO-17-142779	GELC
R-45 S2	974.9	05/17/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.067	mg/L	Y	U	U	2017-1552	CAMO-17-132212	GELC
R-45 S2	974.9	02/07/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.067	mg/L	Y	U	U	2017-986	CAMO-17-129412	GELC
R-45 S2	974.9	11/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.067	mg/L	Y	U	U	2017-516	CAMO-17-127255	GELC
R-45 S2	974.9	12/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16.3	—	—	0.05	mg/L	Y	—	NQ	2018-1306	CAMO-18-150343	GELC
R-45 S2	974.9	10/31/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	19.1	—	—	0.05	mg/L	Y	—	NQ	2018-656	CAMO-18-147641	GELC
R-45 S2	974.9	10/31/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	19.7	—	—	0.05	mg/L	Y	—	NQ	2018-656	CAMO-18-147681	GELC
R-45 S2	974.9	08/02/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.4	—	—	0.05	mg/L	Y	—	NQ	2017-2301	CAMO-17-142779	GELC
R-45 S2	974.9	05/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.5	—	—	0.05	mg/L	Y	—	NQ	2017-1552	CAMO-17-132212	GELC
R-45 S2	974.9	02/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17	—	—	0.05	mg/L	Y	—	NQ	2017-986	CAMO-17-129412	GELC
R-45 S2	974.9	11/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.4	—	—	0.05	mg/L	Y	—	NQ	2017-516	CAMO-17-127255	GELC
R-45 S2	974.9	07/28/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.1	—	—	0.05	mg/L	Y	—	NQ	2016-1820	CAMO-16-124299	GELC
R-45 S2	974.9	05/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16.9	—	—	0.05	mg/L	Y	—	NQ	2016-1178	CAMO-16-115283	GELC
R-45 S2	974.9	02/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16.9	—	—	0.05	mg/L	Y	—	NQ	2016-726	CAMO-16-110045	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-45 S2	974.9	12/18/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.79	—	—	0.067	mg/L	Y	—	J+	2018-1306	CAMO-18-150343	GELC
R-45 S2	974.9	10/31/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6	—	—	0.067	mg/L	Y	—	NQ	2018-656	CAMO-18-147641	GELC
R-45 S2	974.9	10/31/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.18	—	—	0.067	mg/L	Y	—	NQ	2018-656	CAMO-18-147681	GELC
R-45 S2	974.9	08/02/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.02	—	—	0.067	mg/L	Y	—	NQ	2017-2301	CAMO-17-142779	GELC
R-45 S2	974.9	05/17/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.44	—	—	0.067	mg/L	Y	—	NQ	2017-1552	CAMO-17-132212	GELC
R-45 S2	974.9	02/07/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4	—	—	0.067	mg/L	Y	—	NQ	2017-986	CAMO-17-129412	GELC
R-45 S2	974.9	11/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.02	—	—	0.067	mg/L	Y	—	NQ	2017-516	CAMO-17-127255	GELC
R-45 S2	974.9	07/28/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.03	—	—	0.067	mg/L	Y	—	NQ	2016-1820	CAMO-16-124299	GELC
R-45 S2	974.9	05/10/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.88	—	—	0.067	mg/L	Y	—	NQ	2016-1178	CAMO-16-115283	GELC
R-45 S2	974.9	02/10/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.78	—	—	0.067	mg/L	Y	—	NQ	2016-726	CAMO-16-110045	GELC
R-45 S2	974.9	12/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	25.1	—	—	3	µg/L	Y	—	NQ	2018-1306	CAMO-18-150343	GELC
R-45 S2	974.9	10/31/17	WG	F	RE	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	47.4	—	—	3	µg/L	Y	—	NQ	2018-656	CAMO-18-147681	GELC
R-45 S2	974.9	10/31/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	42.3	—	—	3	µg/L	Y	—	NQ	2018-656	CAMO-18-147641	GELC
R-45 S2	974.9	10/31/17	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	42.5	—	—	3	µg/L	Y	—	NQ	2018-656	CAMO-18-147681	GELC
R-45 S2	974.9	08/02/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	21.6	—	—	3	µg/L	Y	—	NQ	2017-2301	CAMO-17-142779	GELC
R-45 S2	974.9	05/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	20.6	—	—	3	µg/L	Y	—	NQ	2017-1552	CAMO-17-132212	GELC
R-45 S2	974.9	02/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	19	—	—	3	µg/L	Y	—	NQ	2017-986	CAMO-17-129412	GELC
R-45 S2	974.9	11/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	20	—	—	3	µg/L	Y	—	NQ	2017-516	CAMO-17-127255	GELC
R-45 S2	974.9	07/28/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	20.1	—	—	2	µg/L	Y	—	NQ	2016-1820	CAMO-16-124299	GELC
R-45 S2	974.9	05/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	17.3	—	—	2	µg/L	Y	—	NQ	2016-1178	CAMO-16-115283	GELC
R-45 S2	974.9	02/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	18.3	—	—	2	µg/L	Y	—	NQ	2016-726	CAMO-16-110045	GELC
R-45 S2	974.9	08/02/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.37	—	—	—	%	Y	—	NQ	2017-2464	CAMO-17-142779	UIL
R-45 S2	974.9	05/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.25	—	—	—	%	Y	—	NQ	2017-2466	CAMO-17-132212	UIL
R-45 S2	974.9	02/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.2	—	—	—	%	Y	—	NQ	2017-1392	CAMO-17-129412	UIL
R-45 S2	974.9	11/17/16	WG	F	REP	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.25	—	—	—	%	Y	—	NQ	2017-650	CAMO-17-127255	UIL
R-45 S2	974.9	11/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.23	—	—	—	%	N	—	NQ	2017-650	CAMO-17-127255	UIL
R-45 S2	974.9	07/28/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.09	—	—	—	%	Y	—	NQ	2017-29	CAMO-16-124299	UIL
R-45 S2	974.9	05/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.23	—	—	—	%	Y	—	NQ	2016-1262	CAMO-16-115283	UIL
R-45 S2	974.9	02/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.17	—	—	—	%	Y	—	NQ	2016-1025	CAMO-16-110045	UIL
R-45 S2	974.9	10/31/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	Y	1.3	—	—	1	µg/L	Y	J	J	2018-656	CAMO-18-147641	GELC
R-45 S2	974.9	10/31/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Cobalt	Co	Y	1.1	—	—	1	µg/L	Y	J	J	2018-656	CAMO-18-147681	GELC
R-45 S2	974.9	08/02/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	2017-2301	CAMO-17-142779	GELC
R-45 S2	974.9	05/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	5	—	—	1	µg/L	Y	U	U	2017-1552	CAMO-17-132212	GELC
R-45 S2	974.9	02/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	5	—	—	1	µg/L	Y	U	U	2017-986	CAMO-17-129412	GELC
R-45 S2	974.9	11/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	5	—	—	1	µg/L	Y	U	U	2017-516	CAMO-17-127255	GELC
R-45 S2	974.9	12/18/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.387	—	—	0.033	mg/L	Y	—	NQ	2018-1306	CAMO-18-150343	GELC
R-45 S2	974.9	10/31/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.25	—	—	0.033	mg/L	Y	—	NQ	2018-656	CAMO-18-147641	GELC
R-45 S2	974.9	10/31/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.276	—	—	0.033	mg/L	Y	—	NQ	2018-656	CAMO-18-147681	GELC
R-45 S2	974.9	08/02/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.311	—	—	0.033	mg/L	Y	—	NQ	2017-2301	CAMO-17-142779	GELC
R-45 S2	974.9	05/17/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.393	—	—	0.033	mg/L	Y	—	NQ	2017-1552	CAMO-17-132212	GELC
R-45 S2	974.9	02/07/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.325	—	—	0.033	mg/L	Y	—	NQ	2017-986	CAMO-17-129412	GELC
R-45 S2	974.9	11/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.303	—	—	0.033	mg/L	Y	—	NQ	2017-516	CAMO-17-127255	GELC
R-45 S2	974.9	07/28/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.315	—	—	0.033	mg/L	Y	—	NQ	2016-1820	CAMO-16-124299	GELC
R-45 S2	974.9	05/10/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.334	—	—	0.033	mg/L	Y	—	NQ	2016-1178	CAMO-16-115283	GELC
R-45 S2	974.9	02/10/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.309	—	—	0.033	mg/L	Y	—	NQ	2016-726	CAMO-16-110045	GELC
R-45 S2	974.9	12/18/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	59.6	—	—	0.453	mg/L	Y	—	NQ	2018-1306	CAMO-18-150343	GELC
R-45 S2	974.9	10/31/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	69.6	—	—	0.453	mg/L	Y	—	NQ	2018-656	CAMO-18-147641	GELC
R-45 S2	974.9	10/31/17	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	71.3	—	—	0.453	mg/L	Y	—	NQ	2018-656	CAMO-18-147681	GELC
R-45 S2	974.9	08/02/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	63.9	—	—	0.453	mg/L	Y	—	NQ	2017-2301	CAMO-17-142779	GELC
R-45 S2	974.9	05/17/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	64.5	—	—	0.453	mg/L	Y	—	NQ	2017-1552	CAMO-17-132212	GELC
R-45 S2	974.9	02/07/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	62.3	—	—	0.453	mg/L	Y	—	NQ	2017-986	CAMO-17-129412	GELC
R-45 S2	974.9	11/17/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	64.4	—	—	0.453	mg/L	Y	—	NQ	2017-516	CAMO-17-127255	GELC
R-45 S2	974.9	07/28/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	62.5	—	—	0.453	mg/L	Y	—	NQ	2016-1820	CAMO-16-124299	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-45 S2	974.9	05/10/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	62.7	—	—	0.453	mg/L	Y	—	NQ	2016-1178	CAMO-16-115283	GELC
R-45 S2	974.9	02/10/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	62.4	—	—	0.453	mg/L	Y	—	NQ	2016-726	CAMO-16-110045	GELC
R-45 S2	974.9	12/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.6	—	—	0.11	mg/L	Y	—	NQ	2018-1306	CAMO-18-150343	GELC
R-45 S2	974.9	10/31/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.31	—	—	0.11	mg/L	Y	—	NQ	2018-656	CAMO-18-147641	GELC
R-45 S2	974.9	10/31/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.39	—	—	0.11	mg/L	Y	—	NQ	2018-656	CAMO-18-147681	GELC
R-45 S2	974.9	08/02/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.98	—	—	0.11	mg/L	Y	—	NQ	2017-2301	CAMO-17-142779	GELC
R-45 S2	974.9	05/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.07	—	—	0.11	mg/L	Y	—	NQ	2017-1552	CAMO-17-132212	GELC
R-45 S2	974.9	02/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.8	—	—	0.11	mg/L	Y	—	NQ	2017-986	CAMO-17-129412	GELC
R-45 S2	974.9	11/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.07	—	—	0.11	mg/L	Y	—	NQ	2017-516	CAMO-17-127255	GELC
R-45 S2	974.9	07/28/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.84	—	—	0.11	mg/L	Y	—	NQ	2016-1820	CAMO-16-124299	GELC
R-45 S2	974.9	05/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.97	—	—	0.11	mg/L	Y	—	NQ	2016-1178	CAMO-16-115283	GELC
R-45 S2	974.9	02/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.93	—	—	0.11	mg/L	Y	—	NQ	2016-726	CAMO-16-110045	GELC
R-45 S2	974.9	12/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.928	—	—	0.2	µg/L	Y	—	NQ	2018-1306	CAMO-18-150343	GELC
R-45 S2	974.9	10/31/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.799	—	—	0.2	µg/L	Y	—	NQ	2018-656	CAMO-18-147641	GELC
R-45 S2	974.9	10/31/17	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.949	—	—	0.2	µg/L	Y	—	NQ	2018-656	CAMO-18-147681	GELC
R-45 S2	974.9	08/02/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.983	—	—	0.2	µg/L	Y	—	NQ	2017-2301	CAMO-17-142779	GELC
R-45 S2	974.9	05/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.02	—	—	0.2	µg/L	Y	—	NQ	2017-1552	CAMO-17-132212	GELC
R-45 S2	974.9	02/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.07	—	—	0.3	µg/L	Y	—	NQ	2017-986	CAMO-17-129412	GELC
R-45 S2	974.9	11/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.03	—	—	0.3	µg/L	Y	—	NQ	2017-516	CAMO-17-127255	GELC
R-45 S2	974.9	07/28/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.924	—	—	0.165	µg/L	Y	—	NQ	2016-1820	CAMO-16-124299	GELC
R-45 S2	974.9	05/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.02	—	—	0.165	µg/L	Y	—	NQ	2016-1178	CAMO-16-115283	GELC
R-45 S2	974.9	02/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.998	—	—	0.165	µg/L	Y	—	NQ	2016-726	CAMO-16-110045	GELC
R-45 S2	974.9	12/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.6	—	—	0.6	µg/L	Y	J	J	2018-1306	CAMO-18-150343	GELC
R-45 S2	974.9	10/31/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.28	—	—	0.6	µg/L	Y	—	NQ	2018-656	CAMO-18-147641	GELC
R-45 S2	974.9	10/31/17	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.3	—	—	0.6	µg/L	Y	J	J	2018-656	CAMO-18-147681	GELC
R-45 S2	974.9	08/02/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.82	—	—	0.6	µg/L	Y	J	J	2017-2301	CAMO-17-142779	GELC
R-45 S2	974.9	05/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.8	—	—	0.6	µg/L	Y	J	J	2017-1552	CAMO-17-132212	GELC
R-45 S2	974.9	02/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.53	—	—	0.5	µg/L	Y	J	J	2017-986	CAMO-17-129412	GELC
R-45 S2	974.9	11/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.35	—	—	0.5	µg/L	Y	J	J	2017-516	CAMO-17-127255	GELC
R-45 S2	974.9	07/28/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.801	—	—	0.5	µg/L	Y	J	J	2016-1820	CAMO-16-124299	GELC
R-45 S2	974.9	05/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.566	—	—	0.5	µg/L	Y	J	J	2016-1178	CAMO-16-115283	GELC
R-45 S2	974.9	02/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.504	—	—	0.5	µg/L	Y	J	J	2016-726	CAMO-16-110045	GELC
R-45 S2	974.9	12/18/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.905	—	—	0.085	mg/L	Y	—	NQ	2018-1306	CAMO-18-150343	GELC
R-45 S2	974.9	10/31/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.02	—	—	0.17	mg/L	Y	—	NQ	2018-656	CAMO-18-147641	GELC
R-45 S2	974.9	10/31/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.01	—	—	0.17	mg/L	Y	—	NQ	2018-656	CAMO-18-147681	GELC
R-45 S2	974.9	08/02/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.887	—	—	0.017	mg/L	Y	—	NQ	2017-2301	CAMO-17-142779	GELC
R-45 S2	974.9	05/17/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.906	—	—	0.017	mg/L	Y	—	NQ	2017-1552	CAMO-17-132212	GELC
R-45 S2	974.9	02/07/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.814	—	—	0.017	mg/L	Y	—	NQ	2017-986	CAMO-17-129412	GELC
R-45 S2	974.9	11/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.823	—	—	0.017	mg/L	Y	—	NQ	2017-516	CAMO-17-127255	GELC
R-45 S2	974.9	07/28/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.823	—	—	0.017	mg/L	Y	—	NQ	2016-1820	CAMO-16-124299	GELC
R-45 S2	974.9	05/10/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.85	—	—	0.085	mg/L	Y	—	NQ	2016-1178	CAMO-16-115283	GELC
R-45 S2	974.9	02/10/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.727	—	—	0.017	mg/L	Y	—	NQ	2016-726	CAMO-16-110045	GELC
R-45 S2	974.9	05/17/17	WG	F	INIT	REG	GENERAL CHEMISTRY	Generic:Nitrogen Isotope Ratio	Nitrogen-15/Nitrogen-14 Ratio	N15N14	Y	5.7883	—	—	—	permil	Y	—	NQ	2017-1548	CAMO-17-132212	EES6
R-45 S2	974.9	11/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	Generic:Nitrogen Isotope Ratio	Nitrogen-15/Nitrogen-14 Ratio	N15N14	Y	5.4342	—	—	—	permil	Y	—	NQ	2017-514	CAMO-17-127255	EES6
R-45 S2	974.9	05/10/16	WG	F	INIT	REG	GENERAL CHEMISTRY	Generic:Nitrogen Isotope Ratio	Nitrogen-15/Nitrogen-14 Ratio	N15N14	Y	5.7573	—	—	—	permil	Y	—	NQ	2016-1171	CAMO-16-115283	EES6
R-45 S2	974.9	11/11/15	WG	F	INIT	REG	GENERAL CHEMISTRY	Generic:Nitrogen Isotope Ratio	Nitrogen-15/Nitrogen-14 Ratio	N15N14	Y	6.2962	—	—	—	permil	Y	—	NQ	2016-309	CAMO-16-106129	EES6
R-45 S2	974.9	11/05/14	WG	F	INIT	REG	GENERAL CHEMISTRY	Generic:Nitrogen Isotope Ratio	Nitrogen-15/Nitrogen-14 Ratio	N15N14	Y	4.54515	—	—	—	permil	Y	—	NQ	2015-234	CAMO-15-90236	EES6
R-45 S2	974.9	05/17/17	WG	F	INIT	REG	GENERAL CHEMISTRY	Generic:Oxygen Isotope Ratio	Oxygen-18/Oxygen-16 Ratio from Nitrate	O18O16-NO3	Y	-2.1298	—	—	—	permil	Y	—	NQ	2017-1548	CAMO-17-132212	EES6
R-45 S2	974.9	11/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	Generic:Oxygen Isotope Ratio	Oxygen-18/Oxygen-16 Ratio from Nitrate	O18O16-NO3	Y	-2.1841	—	—	—	permil	Y	—	NQ	2017-514	CAMO-17-127255	EES6
R-45 S2	974.9	05/10/16	WG	F	INIT	REG	GENERAL CHEMISTRY	Generic:Oxygen Isotope Ratio	Oxygen-18/Oxygen-16 Ratio from Nitrate	O18O16-NO3	Y	-1.0137	—	—	—	permil	Y	—	NQ	2016-1171	CAMO-16-115283	EES6
R-45 S2	974.9	11/11/15	WG	F	INIT	REG	GENERAL CHEMISTRY	Generic:Oxygen Isotope Ratio	Oxygen-18/Oxygen-16 Ratio from Nitrate	O18O16-NO3	Y	-1.1532	—	—	—	permil	Y	—	NQ	2016-309	CAMO-16-106129	EES6
R-45 S2	974.9	11/05/14	WG	F	INIT	REG	GENERAL CHEMISTRY	Generic:Oxygen Isotope Ratio	Oxygen-18/Oxygen-16 Ratio from Nitrate	O18O16-NO3	Y	-5.91442	—	—	—	permil	Y	—	NQ	2015-234	CAMO-15-90236	EES6
R-45 S2	974.9	12/18/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.42	—	—	0.05	µg/L	Y	—	NQ	2018-1306	CAMO-18-150343	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-45 S2	974.9	10/31/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.557	—	—	0.05	µg/L	Y	—	NQ	2018-656	CAMO-18-147641	GELC
R-45 S2	974.9	10/31/17	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.579	—	—	0.05	µg/L	Y	—	NQ	2018-656	CAMO-18-147681	GELC
R-45 S2	974.9	08/02/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.417	—	—	0.05	µg/L	Y	—	NQ	2017-2301	CAMO-17-142779	GELC
R-45 S2	974.9	05/17/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.411	—	—	0.05	µg/L	Y	—	NQ	2017-1552	CAMO-17-132212	GELC
R-45 S2	974.9	02/07/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.435	—	—	0.05	µg/L	Y	—	NQ	2017-986	CAMO-17-129412	GELC
R-45 S2	974.9	11/17/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.446	—	—	0.05	µg/L	Y	—	NQ	2017-516	CAMO-17-127255	GELC
R-45 S2	974.9	07/28/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.422	—	—	0.05	µg/L	Y	—	NQ	2016-1820	CAMO-16-124299	GELC
R-45 S2	974.9	05/10/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.42	—	—	0.05	µg/L	Y	—	NQ	2016-1178	CAMO-16-115283	GELC
R-45 S2	974.9	02/10/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.411	—	—	0.05	µg/L	Y	—	NQ	2016-726	CAMO-16-110045	GELC
R-45 S2	974.9	12/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.16	—	—	0.05	mg/L	Y	—	NQ	2018-1306	CAMO-18-150343	GELC
R-45 S2	974.9	10/31/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.23	—	—	0.05	mg/L	Y	—	NQ	2018-656	CAMO-18-147641	GELC
R-45 S2	974.9	10/31/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	1.3	—	—	0.05	mg/L	Y	—	NQ	2018-656	CAMO-18-147681	GELC
R-45 S2	974.9	08/02/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.31	—	—	0.05	mg/L	Y	—	NQ	2017-2301	CAMO-17-142779	GELC
R-45 S2	974.9	05/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.35	—	—	0.05	mg/L	Y	—	NQ	2017-1552	CAMO-17-132212	GELC
R-45 S2	974.9	02/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.32	—	—	0.05	mg/L	Y	—	NQ	2017-986	CAMO-17-129412	GELC
R-45 S2	974.9	11/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.41	—	—	0.05	mg/L	Y	—	NQ	2017-516	CAMO-17-127255	GELC
R-45 S2	974.9	07/28/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.31	—	—	0.05	mg/L	Y	—	NQ	2016-1820	CAMO-16-124299	GELC
R-45 S2	974.9	05/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.28	—	—	0.05	mg/L	Y	—	NQ	2016-1178	CAMO-16-115283	GELC
R-45 S2	974.9	02/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.28	—	—	0.05	mg/L	Y	—	NQ	2016-726	CAMO-16-110045	GELC
R-45 S2	974.9	12/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.4	—	—	0.053	mg/L	Y	—	NQ	2018-1306	CAMO-18-150343	GELC
R-45 S2	974.9	10/31/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.1	—	—	0.053	mg/L	Y	—	NQ	2018-656	CAMO-18-147641	GELC
R-45 S2	974.9	10/31/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.9	—	—	0.053	mg/L	Y	—	NQ	2018-656	CAMO-18-147681	GELC
R-45 S2	974.9	08/02/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.7	—	—	0.053	mg/L	Y	—	NQ	2017-2301	CAMO-17-142779	GELC
R-45 S2	974.9	05/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	72	—	—	0.053	mg/L	Y	—	NQ	2017-1552	CAMO-17-132212	GELC
R-45 S2	974.9	02/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.6	—	—	0.053	mg/L	Y	—	NQ	2017-986	CAMO-17-129412	GELC
R-45 S2	974.9	11/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	73	—	—	0.053	mg/L	Y	—	NQ	2017-516	CAMO-17-127255	GELC
R-45 S2	974.9	07/28/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.2	—	—	0.053	mg/L	Y	—	NQ	2016-1820	CAMO-16-124299	GELC
R-45 S2	974.9	05/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.6	—	—	0.053	mg/L	Y	—	NQ	2016-1178	CAMO-16-115283	GELC
R-45 S2	974.9	02/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.4	—	—	0.053	mg/L	Y	—	NQ	2016-726	CAMO-16-110045	GELC
R-45 S2	974.9	12/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.93	—	—	0.1	mg/L	Y	—	NQ	2018-1306	CAMO-18-150343	GELC
R-45 S2	974.9	10/31/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.2	—	—	0.1	mg/L	Y	E	NQ	2018-656	CAMO-18-147641	GELC
R-45 S2	974.9	10/31/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.6	—	—	0.1	mg/L	Y	E	NQ	2018-656	CAMO-18-147681	GELC
R-45 S2	974.9	08/02/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.2	—	—	0.1	mg/L	Y	—	NQ	2017-2301	CAMO-17-142779	GELC
R-45 S2	974.9	05/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.8	—	—	0.1	mg/L	Y	—	NQ	2017-1552	CAMO-17-132212	GELC
R-45 S2	974.9	02/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.3	—	—	0.1	mg/L	Y	—	NQ	2017-986	CAMO-17-129412	GELC
R-45 S2	974.9	11/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.2	—	—	0.1	mg/L	Y	—	NQ	2017-516	CAMO-17-127255	GELC
R-45 S2	974.9	07/28/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.5	—	—	0.1	mg/L	Y	—	NQ	2016-1820	CAMO-16-124299	GELC
R-45 S2	974.9	05/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.8	—	—	0.1	mg/L	Y	—	NQ	2016-1178	CAMO-16-115283	GELC
R-45 S2	974.9	02/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.8	—	—	0.1	mg/L	Y	—	NQ	2016-726	CAMO-16-110045	GELC
R-45 S2	974.9	12/18/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	175	—	—	1	µS/cm	Y	—	NQ	2018-1306	CAMO-18-150343	GELC
R-45 S2	974.9	10/31/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	232	—	—	1	µS/cm	Y	—	NQ	2018-656	CAMO-18-147641	GELC
R-45 S2	974.9	10/31/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	225	—	—	1	µS/cm	Y	—	NQ	2018-656	CAMO-18-147681	GELC
R-45 S2	974.9	08/02/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	183	—	—	1	µS/cm	Y	—	NQ	2017-2301	CAMO-17-142779	GELC
R-45 S2	974.9	05/17/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	160	—	—	1	µS/cm	Y	—	NQ	2017-1552	CAMO-17-132212	GELC
R-45 S2	974.9	02/07/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	171	—	—	1	µS/cm	Y	—	NQ	2017-986	CAMO-17-129412	GELC
R-45 S2	974.9	11/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	174	—	—	1	µS/cm	Y	—	NQ	2017-516	CAMO-17-127255	GELC
R-45 S2	974.9	07/28/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	148	—	—	3.63	µS/cm	Y	—	NQ	2016-1820	CAMO-16-124299	GELC
R-45 S2	974.9	05/10/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	178	—	—	3.63	µS/cm	Y	—	NQ	2016-1178	CAMO-16-115283	GELC
R-45 S2	974.9	02/10/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	190	—	—	1	µS/cm	Y	—	NQ	2016-726	CAMO-16-110045	GELC
R-45 S2	974.9	12/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	67	—	—	1	µg/L	Y	—	NQ	2018-1306	CAMO-18-150343	GELC
R-45 S2	974.9	10/31/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	78.3	—	—	1	µg/L	Y	E	NQ	2018-656	CAMO-18-147641	GELC
R-45 S2	974.9	10/31/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	81.5	—	—	1	µg/L	Y	E	NQ	2018-656	CAMO-18-147681	GELC
R-45 S2	974.9	08/02/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	71.8	—	—	1	µg/L	Y	—	NQ	2017-2301	CAMO-17-142779	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-45 S2	974.9	05/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	77	—	—	1	µg/L	Y	—	NQ	2017-1552	CAMO-17-132212	GELC
R-45 S2	974.9	02/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	72.7	—	—	1	µg/L	Y	—	NQ	2017-986	CAMO-17-129412	GELC
R-45 S2	974.9	11/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	71.2	—	—	1	µg/L	Y	—	NQ	2017-516	CAMO-17-127255	GELC
R-45 S2	974.9	07/28/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	70.7	—	—	1	µg/L	Y	—	NQ	2016-1820	CAMO-16-124299	GELC
R-45 S2	974.9	05/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	78.7	—	—	1	µg/L	Y	—	NQ	2016-1178	CAMO-16-115283	GELC
R-45 S2	974.9	02/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	67	—	—	1	µg/L	Y	—	NQ	2016-726	CAMO-16-110045	GELC
R-45 S2	974.9	12/18/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.74	—	—	0.133	mg/L	Y	—	NQ	2018-1306	CAMO-18-150343	GELC
R-45 S2	974.9	10/31/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	9.01	—	—	0.133	mg/L	Y	—	NQ	2018-656	CAMO-18-147641	GELC
R-45 S2	974.9	10/31/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	9.25	—	—	0.133	mg/L	Y	—	NQ	2018-656	CAMO-18-147681	GELC
R-45 S2	974.9	08/02/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.81	—	—	0.133	mg/L	Y	—	NQ	2017-2301	CAMO-17-142779	GELC
R-45 S2	974.9	05/17/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.21	—	—	0.133	mg/L	Y	—	NQ	2017-1552	CAMO-17-132212	GELC
R-45 S2	974.9	02/07/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.64	—	—	0.133	mg/L	Y	—	NQ	2017-986	CAMO-17-129412	GELC
R-45 S2	974.9	11/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.78	—	—	0.133	mg/L	Y	—	NQ	2017-516	CAMO-17-127255	GELC
R-45 S2	974.9	07/28/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.82	—	—	0.133	mg/L	Y	—	NQ	2016-1820	CAMO-16-124299	GELC
R-45 S2	974.9	05/10/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.41	—	—	0.133	mg/L	Y	—	NQ	2016-1178	CAMO-16-115283	GELC
R-45 S2	974.9	02/10/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.34	—	—	0.133	mg/L	Y	—	NQ	2016-726	CAMO-16-110045	GELC
R-45 S2	974.9	12/18/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-1306	CAMO-18-150343	GELC
R-45 S2	974.9	12/18/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-1306	CAMO-18-150351	GELC
R-45 S2	974.9	10/31/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	2018-656	CAMO-18-147656	GELC
R-45 S2	974.9	10/31/17	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	2018-656	CAMO-18-147685	GELC
R-45 S2	974.9	10/31/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	2018-656	CAMO-18-147641	GELC
R-45 S2	974.9	10/31/17	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	2018-656	CAMO-18-147681	GELC
R-45 S2	974.9	08/02/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	2017-2301	CAMO-17-142779	GELC
R-45 S2	974.9	08/02/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	2017-2301	CAMO-17-142311	GELC
R-45 S2	974.9	05/17/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	2017-1552	CAMO-17-133051	GELC
R-45 S2	974.9	05/17/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	2017-1552	CAMO-17-132212	GELC
R-45 S2	974.9	12/18/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	133	—	—	3.4	mg/L	Y	—	NQ	2018-1306	CAMO-18-150343	GELC
R-45 S2	974.9	10/31/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	164	—	—	3.4	mg/L	Y	—	NQ	2018-656	CAMO-18-147641	GELC
R-45 S2	974.9	10/31/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	156	—	—	3.4	mg/L	Y	—	NQ	2018-656	CAMO-18-147681	GELC
R-45 S2	974.9	08/02/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	160	—	—	3.4	mg/L	Y	—	NQ	2017-2301	CAMO-17-142779	GELC
R-45 S2	974.9	05/17/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	153	—	—	3.4	mg/L	Y	—	NQ	2017-1552	CAMO-17-132212	GELC
R-45 S2	974.9	02/07/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	159	—	—	3.4	mg/L	Y	—	NQ	2017-986	CAMO-17-129412	GELC
R-45 S2	974.9	11/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	194	—	—	3.4	mg/L	Y	—	NQ	2017-516	CAMO-17-127255	GELC
R-45 S2	974.9	07/28/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	156	—	—	3.4	mg/L	Y	—	NQ	2016-1820	CAMO-16-124299	GELC
R-45 S2	974.9	05/10/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	136	—	—	3.4	mg/L	Y	—	NQ	2016-1178	CAMO-16-115283	GELC
R-45 S2	974.9	02/10/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	120	—	—	3.4	mg/L	Y	—	NQ	2016-726	CAMO-16-110045	GELC
R-45 S2	974.9	12/18/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.384	—	—	0.33	mg/L	Y	J	J	2018-1306	CAMO-18-150351	GELC
R-45 S2	974.9	10/31/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	2018-656	CAMO-18-147656	GELC
R-45 S2	974.9	10/31/17	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.821	—	—	0.33	mg/L	Y	J	J	2018-656	CAMO-18-147685	GELC
R-45 S2	974.9	08/02/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.471	—	—	0.33	mg/L	Y	J	J	2017-2301	CAMO-17-142311	GELC
R-45 S2	974.9	05/17/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.577	—	—	0.33	mg/L	Y	J	J	2017-1552	CAMO-17-133051	GELC
R-45 S2	974.9	02/07/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.679	—	—	0.33	mg/L	Y	J	J	2017-986	CAMO-17-129316	GELC
R-45 S2	974.9	11/17/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.445	—	—	0.33	mg/L	Y	J	J	2017-516	CAMO-17-127235	GELC
R-45 S2	974.9	07/28/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.368	—	—	0.33	mg/L	Y	J	J	2016-1820	CAMO-16-124275	GELC
R-45 S2	974.9	05/10/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.39	—	—	0.33	mg/L	Y	J	J	2016-1178	CAMO-16-115260	GELC
R-45 S2	974.9	02/10/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.423	—	—	0.33	mg/L	Y	J	J	2016-726	CAMO-16-110027	GELC
R-45 S2	974.9	12/18/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.229	—	—	0.02	mg/L	Y	—	NQ	2018-1306	CAMO-18-150343	GELC
R-45 S2	974.9	02/07/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.215	—	—	0.02	mg/L	Y	—	NQ	2017-986	CAMO-17-129412	GELC
R-45 S2	974.9	11/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0276	—	—	0.02	mg/L	Y	J	J	2017-516	CAMO-17-127255	GELC
R-45 S2	974.9	07/28/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.218	—	—	0.02	mg/L	Y	—	NQ	2016-1820	CAMO-16-124299	GELC
R-45 S2	974.9	05/10/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.05	—	—	0.02	mg/L	Y	U	U	2016-1178	CAMO-16-115283	GELC
R-45 S2	974.9	02/10/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.05	—	—	0.017	mg/L	Y	U	U	2016-726	CAMO-16-110045	GELC
R-45 S2	974.9	08/02/17	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	3.003	0.899	2.453	—	pCi/L	Y	—	J-	2017-2313	CAMO-17-142311	ARSL

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-45 S2	974.9	05/17/17	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.558	0.826	2.591	—	pCi/L	Y	U	U	2017-1555	CAMO-17-133051	ARSL
R-45 S2	974.9	11/17/16	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	3.503	0.966	2.534	—	pCi/L	Y	—	J-	2017-541	CAMO-17-127235	ARSL
R-45 S2	974.9	11/11/15	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	3.922	0.949	2.264	—	pCi/L	Y	—	NQ	2016-321	CAMO-16-106108	ARSL
R-45 S2	974.9	11/05/14	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	3.302	0.874	2.217	—	pCi/L	Y	—	NQ	2015-313	CAMO-15-90219	ARSL
R-45 S2	974.9	11/06/13	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.376	0.653	2.189	—	pCi/L	Y	U	U	2014-2413	CAMO-14-45753	ARSL
R-45 S2	974.9	12/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.67	—	—	0.067	µg/L	Y	—	NQ	2018-1306	CAMO-18-150343	GELC
R-45 S2	974.9	10/31/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.58	—	—	0.067	µg/L	Y	—	NQ	2018-656	CAMO-18-147641	GELC
R-45 S2	974.9	10/31/17	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.697	—	—	0.067	µg/L	Y	—	NQ	2018-656	CAMO-18-147681	GELC
R-45 S2	974.9	08/02/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.625	—	—	0.067	µg/L	Y	—	NQ	2017-2301	CAMO-17-142779	GELC
R-45 S2	974.9	05/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.703	—	—	0.067	µg/L	Y	—	NQ	2017-1552	CAMO-17-132212	GELC
R-45 S2	974.9	02/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.688	—	—	0.067	µg/L	Y	—	NQ	2017-986	CAMO-17-129412	GELC
R-45 S2	974.9	11/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.703	—	—	0.067	µg/L	Y	—	NQ	2017-516	CAMO-17-127255	GELC
R-45 S2	974.9	07/28/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.691	—	—	0.067	µg/L	Y	—	NQ	2016-1820	CAMO-16-124299	GELC
R-45 S2	974.9	05/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.698	—	—	0.067	µg/L	Y	—	NQ	2016-1178	CAMO-16-115283	GELC
R-45 S2	974.9	02/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.691	—	—	0.067	µg/L	Y	—	NQ	2016-726	CAMO-16-110045	GELC
R-45 S2	974.9	12/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.59	—	—	1	µg/L	Y	—	NQ	2018-1306	CAMO-18-150343	GELC
R-45 S2	974.9	10/31/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.78	—	—	1	µg/L	Y	J	J	2018-656	CAMO-18-147641	GELC
R-45 S2	974.9	10/31/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.83	—	—	1	µg/L	Y	J	J	2018-656	CAMO-18-147681	GELC
R-45 S2	974.9	08/02/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.32	—	—	1	µg/L	Y	—	NQ	2017-2301	CAMO-17-142779	GELC
R-45 S2	974.9	05/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.67	—	—	1	µg/L	Y	—	NQ	2017-1552	CAMO-17-132212	GELC
R-45 S2	974.9	02/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.65	—	—	1	µg/L	Y	—	NQ	2017-986	CAMO-17-129412	GELC
R-45 S2	974.9	11/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.52	—	—	1	µg/L	Y	—	NQ	2017-516	CAMO-17-127255	GELC
R-45 S2	974.9	07/28/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.56	—	—	1	µg/L	Y	—	NQ	2016-1820	CAMO-16-124299	GELC
R-45 S2	974.9	05/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.89	—	—	1	µg/L	Y	—	NQ	2016-1178	CAMO-16-115283	GELC
R-45 S2	974.9	02/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.38	—	—	1	µg/L	Y	—	NQ	2016-726	CAMO-16-110045	GELC
R-45 S2	974.9	10/31/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	6.02	—	—	3.3	µg/L	Y	J	J	2018-656	CAMO-18-147641	GELC
R-45 S2	974.9	10/31/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	2018-656	CAMO-18-147681	GELC
R-45 S2	974.9	08/02/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	2017-2301	CAMO-17-142779	GELC
R-45 S2	974.9	05/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2017-1552	CAMO-17-132212	GELC
R-45 S2	974.9	02/07/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2017-986	CAMO-17-129412	GELC
R-45 S2	974.9	11/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2017-516	CAMO-17-127255	GELC
R-50 S1	1077.0	12/14/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.9	—	—	0.01	SU	Y	H	NQ	2018-1290	CAMO-18-150344	GELC
R-50 S1	1077.0	12/14/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.92	—	—	0.01	SU	Y	H	NQ	2018-1290	CAMO-18-150363	GELC
R-50 S1	1077.0	11/16/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.95	—	—	0.01	SU	Y	H	NQ	2018-945	CAMO-18-148065	GELC
R-50 S1	1077.0	10/26/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.93	—	—	0.01	SU	Y	H	NQ	2018-594	CAMO-18-147642	GELC
R-50 S1	1077.0	07/28/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.9	—	—	0.01	SU	Y	H	NQ	2017-2179	CAMO-17-142780	GELC
R-50 S1	1077.0	05/17/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.97	—	—	0.01	SU	Y	H	NQ	2017-1552	CAMO-17-132214	GELC
R-50 S1	1077.0	02/21/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8	—	—	0.01	SU	Y	H	NQ	2017-1060	CAMO-17-129413	GELC
R-50 S1	1077.0	11/18/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.94	—	—	0.01	SU	Y	H	NQ	2017-526	CAMO-17-127257	GELC
R-50 S1	1077.0	07/27/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.01	—	—	0.01	SU	Y	H	NQ	2016-1813	CAMO-16-124300	GELC
R-50 S1	1077.0	05/12/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.01	—	—	0.01	SU	Y	H	NQ	2016-1210	CAMO-16-115285	GELC
R-50 S1	1077.0	02/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.02	—	—	0.01	SU	Y	H	NQ	2016-752	CAMO-16-110046	GELC
R-50 S1	1077.0	12/14/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	57.8	—	—	1.45	mg/L	Y	—	NQ	2018-1290	CAMO-18-150344	GELC
R-50 S1	1077.0	12/14/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	58.2	—	—	1.45	mg/L	Y	—	NQ	2018-1290	CAMO-18-150363	GELC
R-50 S1	1077.0	11/16/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.7	—	—	1.45	mg/L	Y	—	NQ	2018-945	CAMO-18-148065	GELC
R-50 S1	1077.0	10/26/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	58.9	—	—	1.45	mg/L	Y	—	NQ	2018-594	CAMO-18-147642	GELC
R-50 S1	1077.0	07/28/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	58.9	—	—	1.45	mg/L	Y	—	NQ	2017-2179	CAMO-17-142780	GELC
R-50 S1	1077.0	05/17/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	60	—	—	1.45	mg/L	Y	—	NQ	2017-1552	CAMO-17-132214	GELC
R-50 S1	1077.0	02/21/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62	—	—	1.45	mg/L	Y	—	NQ	2017-1060	CAMO-17-129413	GELC
R-50 S1	1077.0	11/18/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.5	—	—	1.45	mg/L	Y	—	NQ	2017-526	CAMO-17-127257	GELC
R-50 S1	1077.0	07/27/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	58.6	—	—	0.725	mg/L	Y	—	NQ	2016-1813	CAMO-16-124300	GELC
R-50 S1	1077.0	05/12/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	59.4	—	—	0.725	mg/L	Y	—	NQ	2016-1210	CAMO-16-115285	GELC
R-50 S1	1077.0	02/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.3	—	—	0.725	mg/L	Y	—	NQ	2016-752	CAMO-16-110046	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-50 S1	1077.0	11/16/17	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00792	0.0056	0.0353	—	pCi/L	Y	U	U	2018-945	CAMO-18-148081	GELC
R-50 S1	1077.0	11/09/15	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00648	0.00779	0.0292	—	pCi/L	Y	U	U	2016-302	CAMO-16-106069	GELC
R-50 S1	1077.0	11/09/15	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00758	0.00758	0.0341	—	pCi/L	Y	U	U	2016-302	CAMO-16-106110	GELC
R-50 S1	1077.0	11/14/14	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00404	0.00495	0.0422	—	pCi/L	Y	U	U	2015-327	CAMO-15-90220	GELC
R-50 S1	1077.0	11/09/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00187	0.00619	0.0212	—	pCi/L	Y	U	U	2013-306	CAMO-13-24249	GELC
R-50 S1	1077.0	08/15/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0136	0.00753	0.0266	—	pCi/L	Y	U	U	12-1503	CAMO-12-21737	GELC
R-50 S1	1077.0	12/14/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0326	—	—	0.017	mg/L	Y	J	J	2018-1290	CAMO-18-150344	GELC
R-50 S1	1077.0	12/14/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0221	—	—	0.017	mg/L	Y	J	J	2018-1290	CAMO-18-150363	GELC
R-50 S1	1077.0	11/16/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0613	—	—	0.017	mg/L	Y	—	NQ	2018-945	CAMO-18-148065	GELC
R-50 S1	1077.0	10/26/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.018	—	—	0.017	mg/L	Y	J	J	2018-594	CAMO-18-147642	GELC
R-50 S1	1077.0	07/28/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0422	—	—	0.017	mg/L	Y	J	J	2017-2179	CAMO-17-142780	GELC
R-50 S1	1077.0	05/17/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0513	—	—	0.017	mg/L	Y	—	U	2017-1552	CAMO-17-132214	GELC
R-50 S1	1077.0	02/21/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0626	—	—	0.017	mg/L	Y	—	U	2017-1060	CAMO-17-129413	GELC
R-50 S1	1077.0	11/18/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0327	—	—	0.017	mg/L	Y	J	U	2017-526	CAMO-17-127257	GELC
R-50 S1	1077.0	07/27/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.146	—	—	0.017	mg/L	Y	—	U	2016-1813	CAMO-16-124300	GELC
R-50 S1	1077.0	05/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.68	—	—	2	µg/L	Y	J	J	2017-1552	CAMO-17-132214	GELC
R-50 S1	1077.0	02/21/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2017-1060	CAMO-17-129413	GELC
R-50 S1	1077.0	11/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.21	—	—	1.7	µg/L	Y	J	J	2017-526	CAMO-17-127257	GELC
R-50 S1	1077.0	07/27/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.34	—	—	1.7	µg/L	Y	J	J	2016-1813	CAMO-16-124300	GELC
R-50 S1	1077.0	05/12/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.5	—	—	1.7	µg/L	Y	J	J	2016-1210	CAMO-16-115285	GELC
R-50 S1	1077.0	12/14/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	23.5	—	—	1	µg/L	Y	—	NQ	2018-1290	CAMO-18-150344	GELC
R-50 S1	1077.0	12/14/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	23.7	—	—	1	µg/L	Y	—	NQ	2018-1290	CAMO-18-150363	GELC
R-50 S1	1077.0	11/16/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	23.1	—	—	1	µg/L	Y	—	NQ	2018-945	CAMO-18-148065	GELC
R-50 S1	1077.0	10/26/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	21.8	—	—	1	µg/L	Y	—	NQ	2018-594	CAMO-18-147642	GELC
R-50 S1	1077.0	07/28/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	22	—	—	1	µg/L	Y	—	NQ	2017-2179	CAMO-17-142780	GELC
R-50 S1	1077.0	05/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	23.4	—	—	1	µg/L	Y	—	NQ	2017-1552	CAMO-17-132214	GELC
R-50 S1	1077.0	02/21/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	21.8	—	—	1	µg/L	Y	—	NQ	2017-1060	CAMO-17-129413	GELC
R-50 S1	1077.0	11/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	21.8	—	—	1	µg/L	Y	—	NQ	2017-526	CAMO-17-127257	GELC
R-50 S1	1077.0	07/27/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	18.5	—	—	1	µg/L	Y	—	NQ	2016-1813	CAMO-16-124300	GELC
R-50 S1	1077.0	05/12/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	18.9	—	—	1	µg/L	Y	—	NQ	2016-1210	CAMO-16-115285	GELC
R-50 S1	1077.0	02/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	19.3	—	—	1	µg/L	Y	—	NQ	2016-752	CAMO-16-110046	GELC
R-50 S1	1077.0	02/21/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	15.3	—	—	15	µg/L	Y	J	J	2017-1060	CAMO-17-129413	GELC
R-50 S1	1077.0	11/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	50	—	—	15	µg/L	Y	U	U	2017-526	CAMO-17-127257	GELC
R-50 S1	1077.0	07/27/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	50	—	—	15	µg/L	Y	U	U	2016-1813	CAMO-16-124300	GELC
R-50 S1	1077.0	05/12/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	50	—	—	15	µg/L	Y	U	U	2016-1210	CAMO-16-115285	GELC
R-50 S1	1077.0	02/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	15.4	—	—	15	µg/L	Y	J	J	2016-752	CAMO-16-110046	GELC
R-50 S1	1077.0	12/14/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0745	—	—	0.067	mg/L	Y	J	J	2018-1290	CAMO-18-150344	GELC
R-50 S1	1077.0	12/14/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0856	—	—	0.067	mg/L	Y	J	J	2018-1290	CAMO-18-150363	GELC
R-50 S1	1077.0	11/16/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0971	—	—	0.067	mg/L	Y	J	J	2018-945	CAMO-18-148065	GELC
R-50 S1	1077.0	10/26/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0775	—	—	0.067	mg/L	Y	J	J	2018-594	CAMO-18-147642	GELC
R-50 S1	1077.0	07/28/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0869	—	—	0.067	mg/L	Y	J	J	2017-2179	CAMO-17-142780	GELC
R-50 S1	1077.0	05/17/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0768	—	—	0.067	mg/L	Y	J	J	2017-1552	CAMO-17-132214	GELC
R-50 S1	1077.0	02/21/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0819	—	—	0.067	mg/L	Y	J	J	2017-1060	CAMO-17-129413	GELC
R-50 S1	1077.0	11/18/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0728	—	—	0.067	mg/L	Y	J	J	2017-526	CAMO-17-127257	GELC
R-50 S1	1077.0	07/27/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.08	—	—	0.067	mg/L	Y	J	J	2016-1813	CAMO-16-124300	GELC
R-50 S1	1077.0	05/12/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0905	—	—	0.067	mg/L	Y	J	J	2016-1210	CAMO-16-115285	GELC
R-50 S1	1077.0	02/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0921	—	—	0.067	mg/L	Y	J	J	2016-752	CAMO-16-110046	GELC
R-50 S1	1077.0	12/14/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.6	—	—	0.05	mg/L	Y	—	NQ	2018-1290	CAMO-18-150344	GELC
R-50 S1	1077.0	12/14/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.7	—	—	0.05	mg/L	Y	—	NQ	2018-1290	CAMO-18-150363	GELC
R-50 S1	1077.0	11/16/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16.8	—	—	0.05	mg/L	Y	—	NQ	2018-945	CAMO-18-148065	GELC
R-50 S1	1077.0	10/26/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16.6	—	—	0.05	mg/L	Y	—	NQ	2018-594	CAMO-18-147642	GELC
R-50 S1	1077.0	07/28/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16.4	—	—	0.05	mg/L	Y	—	NQ	2017-2179	CAMO-17-142780	GELC
R-50 S1	1077.0	05/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.3	—	—	0.05	mg/L	Y	—	NQ	2017-1552	CAMO-17-132214	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-50 S1	1077.0	02/21/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16.8	—	—	0.05	mg/L	Y	—	NQ	2017-1060	CAMO-17-129413	GELC
R-50 S1	1077.0	11/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17	—	—	0.05	mg/L	Y	—	NQ	2017-526	CAMO-17-127257	GELC
R-50 S1	1077.0	07/27/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16	—	—	0.05	mg/L	Y	—	NQ	2016-1813	CAMO-16-124300	GELC
R-50 S1	1077.0	05/12/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	18.4	—	—	0.05	mg/L	Y	—	NQ	2016-1210	CAMO-16-115285	GELC
R-50 S1	1077.0	02/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.2	—	—	0.05	mg/L	Y	—	NQ	2016-752	CAMO-16-110046	GELC
R-50 S1	1077.0	11/16/17	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.7	1.59	5.73	—	pCi/L	Y	U	U	2018-945	CAMO-18-148081	GELC
R-50 S1	1077.0	11/09/15	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.614	1.79	5.32	—	pCi/L	Y	U	U	2016-302	CAMO-16-106069	GELC
R-50 S1	1077.0	11/09/15	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	4.27	1.96	5.13	—	pCi/L	Y	U	U	2016-302	CAMO-16-106110	GELC
R-50 S1	1077.0	11/14/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.614	1.24	4.32	—	pCi/L	Y	U	U	2015-327	CAMO-15-90220	GELC
R-50 S1	1077.0	11/09/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.37	1.88	6.27	—	pCi/L	Y	U	U	2013-306	CAMO-13-24249	GELC
R-50 S1	1077.0	08/15/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.48	1.36	5.34	—	pCi/L	Y	U	U	12-1503	CAMO-12-21737	GELC
R-50 S1	1077.0	12/14/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	9.8	—	—	0.067	mg/L	Y	—	NQ	2018-1290	CAMO-18-150344	GELC
R-50 S1	1077.0	12/14/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	9.8	—	—	0.067	mg/L	Y	—	NQ	2018-1290	CAMO-18-150363	GELC
R-50 S1	1077.0	11/16/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	9.46	—	—	0.067	mg/L	Y	—	NQ	2018-945	CAMO-18-148065	GELC
R-50 S1	1077.0	10/26/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	9.46	—	—	0.067	mg/L	Y	—	NQ	2018-594	CAMO-18-147642	GELC
R-50 S1	1077.0	07/28/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	9.15	—	—	0.067	mg/L	Y	—	NQ	2017-2179	CAMO-17-142780	GELC
R-50 S1	1077.0	05/17/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	8.48	—	—	0.134	mg/L	Y	—	NQ	2017-1552	CAMO-17-132214	GELC
R-50 S1	1077.0	02/21/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	8.64	—	—	0.067	mg/L	Y	—	NQ	2017-1060	CAMO-17-129413	GELC
R-50 S1	1077.0	11/18/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	8.41	—	—	0.067	mg/L	Y	—	NQ	2017-526	CAMO-17-127257	GELC
R-50 S1	1077.0	07/27/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	8.04	—	—	0.067	mg/L	Y	—	NQ	2016-1813	CAMO-16-124300	GELC
R-50 S1	1077.0	05/12/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	10.1	—	—	0.134	mg/L	Y	—	J	2016-1210	CAMO-16-115285	GELC
R-50 S1	1077.0	02/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	9.78	—	—	0.067	mg/L	Y	—	NQ	2016-752	CAMO-16-110046	GELC
R-50 S1	1077.0	12/14/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	134	—	—	3	µg/L	Y	—	NQ	2018-1290	CAMO-18-150344	GELC
R-50 S1	1077.0	12/14/17	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	136	—	—	3	µg/L	Y	—	NQ	2018-1290	CAMO-18-150363	GELC
R-50 S1	1077.0	11/16/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	125	—	—	3	µg/L	Y	N	J-	2018-945	CAMO-18-148065	GELC
R-50 S1	1077.0	10/26/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	150	—	—	3	µg/L	Y	—	NQ	2018-594	CAMO-18-147642	GELC
R-50 S1	1077.0	07/28/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	131	—	—	3	µg/L	Y	—	NQ	2017-2179	CAMO-17-142780	GELC
R-50 S1	1077.0	05/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	128	—	—	3	µg/L	Y	—	NQ	2017-1552	CAMO-17-132214	GELC
R-50 S1	1077.0	02/21/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	133	—	—	3	µg/L	Y	—	NQ	2017-1060	CAMO-17-129413	GELC
R-50 S1	1077.0	11/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	117	—	—	3	µg/L	Y	—	NQ	2017-526	CAMO-17-127257	GELC
R-50 S1	1077.0	07/27/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	107	—	—	2	µg/L	Y	—	NQ	2016-1813	CAMO-16-124300	GELC
R-50 S1	1077.0	05/12/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	146	—	—	2	µg/L	Y	—	J	2016-1210	CAMO-16-115285	GELC
R-50 S1	1077.0	02/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	139	—	—	2	µg/L	Y	—	J	2016-752	CAMO-16-110046	GELC
R-50 S1	1077.0	07/28/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	0.93	—	—	—	%	Y	—	NQ	2017-2464	CAMO-17-142780	UIL
R-50 S1	1077.0	05/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	0.89	—	—	—	%	Y	—	NQ	2017-2466	CAMO-17-132214	UIL
R-50 S1	1077.0	02/21/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	0.85	—	—	—	%	Y	—	NQ	2017-1392	CAMO-17-129413	UIL
R-50 S1	1077.0	11/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	0.93	—	—	—	%	Y	—	NQ	2017-650	CAMO-17-127257	UIL
R-50 S1	1077.0	07/27/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	0.86	—	—	—	%	Y	—	NQ	2017-29	CAMO-16-124300	UIL
R-50 S1	1077.0	05/12/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	0.97	—	—	—	%	Y	—	NQ	2016-1262	CAMO-16-115285	UIL
R-50 S1	1077.0	02/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.01	—	—	—	%	Y	—	NQ	2016-1025	CAMO-16-110046	UIL
R-50 S1	1077.0	11/16/17	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	3.3	1.12	5.65	—	pCi/L	Y	U	U	2018-945	CAMO-18-148081	GELC
R-50 S1	1077.0	11/09/15	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.11	1.34	4.48	—	pCi/L	Y	U	U	2016-302	CAMO-16-106069	GELC
R-50 S1	1077.0	11/09/15	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.676	1.51	5.56	—	pCi/L	Y	U	U	2016-302	CAMO-16-106110	GELC
R-50 S1	1077.0	11/14/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.866	1.06	3.84	—	pCi/L	Y	U	U	2015-327	CAMO-15-90220	GELC
R-50 S1	1077.0	11/09/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.222	1.61	6.26	—	pCi/L	Y	U	U	2013-306	CAMO-13-24249	GELC
R-50 S1	1077.0	08/15/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.808	1.38	5.59	—	pCi/L	Y	U	U	12-1503	CAMO-12-21737	GELC
R-50 S1	1077.0	12/14/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.243	—	—	0.033	mg/L	Y	—	NQ	2018-1290	CAMO-18-150344	GELC
R-50 S1	1077.0	12/14/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.222	—	—	0.033	mg/L	Y	—	NQ	2018-1290	CAMO-18-150363	GELC
R-50 S1	1077.0	11/16/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.206	—	—	0.033	mg/L	Y	—	NQ	2018-945	CAMO-18-148065	GELC
R-50 S1	1077.0	10/26/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.198	—	—	0.033	mg/L	Y	—	NQ	2018-594	CAMO-18-147642	GELC
R-50 S1	1077.0	07/28/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.241	—	—	0.033	mg/L	Y	—	NQ	2017-2179	CAMO-17-142780	GELC
R-50 S1	1077.0	05/17/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.291	—	—	0.033	mg/L	Y	—	NQ	2017-1552	CAMO-17-132214	GELC
R-50 S1	1077.0	02/21/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.262	—	—	0.033	mg/L	Y	—	NQ	2017-1060	CAMO-17-129413	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-50 S1	1077.0	11/18/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.241	—	—	0.033	mg/L	Y	—	NQ	2017-526	CAMO-17-127257	GELC
R-50 S1	1077.0	07/27/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.236	—	—	0.033	mg/L	Y	—	NQ	2016-1813	CAMO-16-124300	GELC
R-50 S1	1077.0	05/12/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.236	—	—	0.033	mg/L	Y	—	NQ	2016-1210	CAMO-16-115285	GELC
R-50 S1	1077.0	02/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.256	—	—	0.033	mg/L	Y	—	NQ	2016-752	CAMO-16-110046	GELC
R-50 S1	1077.0	11/16/17	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.232	0.654	2.82	—	pCi/L	Y	U	U	2018-945	CAMO-18-148081	GELC
R-50 S1	1077.0	11/09/15	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	-1.24	0.602	3.15	—	pCi/L	Y	U	U	2016-302	CAMO-16-106069	GELC
R-50 S1	1077.0	11/09/15	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	6.92	1.47	2.9	—	pCi/L	Y	—	NQ	2016-302	CAMO-16-106110	GELC
R-50 S1	1077.0	11/14/14	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.457	0.389	1.44	—	pCi/L	Y	U	U	2015-327	CAMO-15-90220	GELC
R-50 S1	1077.0	11/09/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.83	0.612	2.08	—	pCi/L	Y	U	U	2013-306	CAMO-13-24249	GELC
R-50 S1	1077.0	08/15/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.0264	0.333	2.1	—	pCi/L	Y	U	U	12-1503	CAMO-12-21737	GELC
R-50 S1	1077.0	11/16/17	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.13	0.822	2.76	—	pCi/L	Y	U	U	2018-945	CAMO-18-148081	GELC
R-50 S1	1077.0	11/09/15	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	0.496	0.73	2.61	—	pCi/L	Y	U	U	2016-302	CAMO-16-106069	GELC
R-50 S1	1077.0	11/09/15	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.65	0.402	1.04	—	pCi/L	Y	—	NQ	2016-302	CAMO-16-106110	GELC
R-50 S1	1077.0	11/14/14	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.888	0.316	1.01	—	pCi/L	Y	U	U	2015-327	CAMO-15-90220	GELC
R-50 S1	1077.0	11/09/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.67	0.821	2.61	—	pCi/L	Y	U	U	2013-306	CAMO-13-24249	GELC
R-50 S1	1077.0	08/15/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.741	0.808	2.76	—	pCi/L	Y	U	U	12-1503	CAMO-12-21737	GELC
R-50 S1	1077.0	12/14/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	65.2	—	—	0.453	mg/L	Y	—	NQ	2018-1290	CAMO-18-150344	GELC
R-50 S1	1077.0	12/14/17	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	65.1	—	—	0.453	mg/L	Y	—	NQ	2018-1290	CAMO-18-150363	GELC
R-50 S1	1077.0	11/16/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	61.8	—	—	0.453	mg/L	Y	—	NQ	2018-945	CAMO-18-148065	GELC
R-50 S1	1077.0	10/26/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	61.7	—	—	0.453	mg/L	Y	—	NQ	2018-594	CAMO-18-147642	GELC
R-50 S1	1077.0	07/28/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	60.4	—	—	0.453	mg/L	Y	—	NQ	2017-2179	CAMO-17-142780	GELC
R-50 S1	1077.0	05/17/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	63.7	—	—	0.453	mg/L	Y	—	NQ	2017-1552	CAMO-17-132214	GELC
R-50 S1	1077.0	02/21/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	61.5	—	—	0.453	mg/L	Y	—	NQ	2017-1060	CAMO-17-129413	GELC
R-50 S1	1077.0	11/18/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	62.9	—	—	0.453	mg/L	Y	—	NQ	2017-526	CAMO-17-127257	GELC
R-50 S1	1077.0	07/27/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	58.9	—	—	0.453	mg/L	Y	—	NQ	2016-1813	CAMO-16-124300	GELC
R-50 S1	1077.0	05/12/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	67.5	—	—	0.453	mg/L	Y	—	NQ	2016-1210	CAMO-16-115285	GELC
R-50 S1	1077.0	02/16/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	64.3	—	—	0.453	mg/L	Y	—	NQ	2016-752	CAMO-16-110046	GELC
R-50 S1	1077.0	12/14/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.13	—	—	0.11	mg/L	Y	—	NQ	2018-1290	CAMO-18-150344	GELC
R-50 S1	1077.0	12/14/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.1	—	—	0.11	mg/L	Y	—	NQ	2018-1290	CAMO-18-150363	GELC
R-50 S1	1077.0	11/16/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.8	—	—	0.11	mg/L	Y	—	NQ	2018-945	CAMO-18-148065	GELC
R-50 S1	1077.0	10/26/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.95	—	—	0.11	mg/L	Y	—	NQ	2018-594	CAMO-18-147642	GELC
R-50 S1	1077.0	07/28/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.72	—	—	0.11	mg/L	Y	—	NQ	2017-2179	CAMO-17-142780	GELC
R-50 S1	1077.0	05/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5	—	—	0.11	mg/L	Y	—	NQ	2017-1552	CAMO-17-132214	GELC
R-50 S1	1077.0	02/21/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.76	—	—	0.11	mg/L	Y	—	NQ	2017-1060	CAMO-17-129413	GELC
R-50 S1	1077.0	11/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.97	—	—	0.11	mg/L	Y	—	NQ	2017-526	CAMO-17-127257	GELC
R-50 S1	1077.0	07/27/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.59	—	—	0.11	mg/L	Y	—	NQ	2016-1813	CAMO-16-124300	GELC
R-50 S1	1077.0	05/12/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.22	—	—	0.11	mg/L	Y	—	NQ	2016-1210	CAMO-16-115285	GELC
R-50 S1	1077.0	02/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.16	—	—	0.11	mg/L	Y	—	NQ	2016-752	CAMO-16-110046	GELC
R-50 S1	1077.0	12/14/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.793	—	—	0.2	µg/L	Y	—	NQ	2018-1290	CAMO-18-150344	GELC
R-50 S1	1077.0	12/14/17	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.732	—	—	0.2	µg/L	Y	—	NQ	2018-1290	CAMO-18-150363	GELC
R-50 S1	1077.0	11/16/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.866	—	—	0.2	µg/L	Y	—	NQ	2018-945	CAMO-18-148065	GELC
R-50 S1	1077.0	10/26/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.761	—	—	0.2	µg/L	Y	—	NQ	2018-594	CAMO-18-147642	GELC
R-50 S1	1077.0	07/28/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.691	—	—	0.2	µg/L	Y	—	NQ	2017-2179	CAMO-17-142780	GELC
R-50 S1	1077.0	05/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.78	—	—	0.2	µg/L	Y	—	NQ	2017-1552	CAMO-17-132214	GELC
R-50 S1	1077.0	02/21/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.953	—	—	0.3	µg/L	Y	—	NQ	2017-1060	CAMO-17-129413	GELC
R-50 S1	1077.0	11/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.833	—	—	0.3	µg/L	Y	—	NQ	2017-526	CAMO-17-127257	GELC
R-50 S1	1077.0	07/27/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.694	—	—	0.165	µg/L	Y	—	NQ	2016-1813	CAMO-16-124300	GELC
R-50 S1	1077.0	05/12/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.923	—	—	0.165	µg/L	Y	—	NQ	2016-1210	CAMO-16-115285	GELC
R-50 S1	1077.0	02/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.942	—	—	0.165	µg/L	Y	—	NQ	2016-752	CAMO-16-110046	GELC
R-50 S1	1077.0	11/16/17	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.354	2.08	7.74	—	pCi/L	Y	U	U	2018-945	CAMO-18-148081	GELC
R-50 S1	1077.0	11/09/15	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	3.81	2.89	10.8	—	pCi/L	Y	U	U	2016-302	CAMO-16-106069	GELC
R-50 S1	1077.0	11/09/15	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.66	3.16	10.7	—	pCi/L	Y	U	U	2016-302	CAMO-16-106110	GELC
R-50 S1	1077.0	11/14/14	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.151	2.34	8.12	—	pCi/L	Y	U	U	2015-327	CAMO-15-90220	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-50 S1	1077.0	11/09/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	4.38	3.63	13.2	—	pCi/L	Y	U	U	2013-306	CAMO-13-24249	GELC
R-50 S1	1077.0	08/15/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.675	2.66	9.23	—	pCi/L	Y	U	U	12-1503	CAMO-12-21737	GELC
R-50 S1	1077.0	12/14/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	3.34	—	—	0.6	µg/L	Y	—	NQ	2018-1290	CAMO-18-150344	GELC
R-50 S1	1077.0	12/14/17	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	3.33	—	—	0.6	µg/L	Y	—	NQ	2018-1290	CAMO-18-150363	GELC
R-50 S1	1077.0	11/16/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	4.17	—	—	0.6	µg/L	Y	—	NQ	2018-945	CAMO-18-148065	GELC
R-50 S1	1077.0	10/26/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	4.31	—	—	0.6	µg/L	Y	—	NQ	2018-594	CAMO-18-147642	GELC
R-50 S1	1077.0	07/28/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	3.99	—	—	0.6	µg/L	Y	—	NQ	2017-2179	CAMO-17-142780	GELC
R-50 S1	1077.0	05/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	3.18	—	—	0.6	µg/L	Y	—	NQ	2017-1552	CAMO-17-132214	GELC
R-50 S1	1077.0	02/21/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	3.7	—	—	0.5	µg/L	Y	—	NQ	2017-1060	CAMO-17-129413	GELC
R-50 S1	1077.0	11/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	3.29	—	—	0.5	µg/L	Y	—	NQ	2017-526	CAMO-17-127257	GELC
R-50 S1	1077.0	07/27/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	4.33	—	—	0.5	µg/L	Y	—	NQ	2016-1813	CAMO-16-124300	GELC
R-50 S1	1077.0	05/12/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	6.83	—	—	0.5	µg/L	Y	—	NQ	2016-1210	CAMO-16-115285	GELC
R-50 S1	1077.0	02/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	6.99	—	—	0.5	µg/L	Y	—	NQ	2016-752	CAMO-16-110046	GELC
R-50 S1	1077.0	12/14/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.1	—	—	0.085	mg/L	Y	—	NQ	2018-1290	CAMO-18-150344	GELC
R-50 S1	1077.0	12/14/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.05	—	—	0.085	mg/L	Y	—	NQ	2018-1290	CAMO-18-150363	GELC
R-50 S1	1077.0	11/16/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.02	—	—	0.085	mg/L	Y	—	NQ	2018-945	CAMO-18-148065	GELC
R-50 S1	1077.0	10/26/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.09	—	—	0.085	mg/L	Y	—	NQ	2018-594	CAMO-18-147642	GELC
R-50 S1	1077.0	07/28/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.99	—	—	0.085	mg/L	Y	—	NQ	2017-2179	CAMO-17-142780	GELC
R-50 S1	1077.0	05/17/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.07	—	—	0.085	mg/L	Y	—	NQ	2017-1552	CAMO-17-132214	GELC
R-50 S1	1077.0	02/21/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.05	—	—	0.17	mg/L	Y	—	NQ	2017-1060	CAMO-17-129413	GELC
R-50 S1	1077.0	11/18/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.79	—	—	0.085	mg/L	Y	—	NQ	2017-526	CAMO-17-127257	GELC
R-50 S1	1077.0	07/27/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.85	—	—	0.085	mg/L	Y	—	NQ	2016-1813	CAMO-16-124300	GELC
R-50 S1	1077.0	05/12/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.04	—	—	0.085	mg/L	Y	—	NQ	2016-1210	CAMO-16-115285	GELC
R-50 S1	1077.0	02/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.72	—	—	0.085	mg/L	Y	—	NQ	2016-752	CAMO-16-110046	GELC
R-50 S1	1077.0	12/14/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.613	—	—	0.05	µg/L	Y	—	NQ	2018-1290	CAMO-18-150344	GELC
R-50 S1	1077.0	12/14/17	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.622	—	—	0.05	µg/L	Y	—	NQ	2018-1290	CAMO-18-150363	GELC
R-50 S1	1077.0	11/16/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.614	—	—	0.05	µg/L	Y	—	NQ	2018-945	CAMO-18-148065	GELC
R-50 S1	1077.0	10/26/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.598	—	—	0.05	µg/L	Y	—	NQ	2018-594	CAMO-18-147642	GELC
R-50 S1	1077.0	07/28/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.625	—	—	0.05	µg/L	Y	—	NQ	2017-2179	CAMO-17-142780	GELC
R-50 S1	1077.0	05/17/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.598	—	—	0.05	µg/L	Y	—	NQ	2017-1552	CAMO-17-132214	GELC
R-50 S1	1077.0	02/21/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.599	—	—	0.05	µg/L	Y	—	NQ	2017-1060	CAMO-17-129413	GELC
R-50 S1	1077.0	11/18/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.589	—	—	0.05	µg/L	Y	—	NQ	2017-526	CAMO-17-127257	GELC
R-50 S1	1077.0	07/27/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.577	—	—	0.05	µg/L	Y	—	NQ	2016-1813	CAMO-16-124300	GELC
R-50 S1	1077.0	05/12/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.631	—	—	0.05	µg/L	Y	—	NQ	2016-1210	CAMO-16-115285	GELC
R-50 S1	1077.0	02/16/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.656	—	—	0.05	µg/L	Y	—	NQ	2016-752	CAMO-16-110046	GELC
R-50 S1	1077.0	11/16/17	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0159	0.00837	0.039	—	pCi/L	Y	U	U	2018-945	CAMO-18-148081	GELC
R-50 S1	1077.0	11/09/15	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0129	0.00965	0.0252	—	pCi/L	Y	U	U	2016-302	CAMO-16-106069	GELC
R-50 S1	1077.0	11/09/15	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00846	0.00746	0.033	—	pCi/L	Y	U	U	2016-302	CAMO-16-106110	GELC
R-50 S1	1077.0	11/14/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00324	0.00725	0.0435	—	pCi/L	Y	U	U	2015-327	CAMO-15-90220	GELC
R-50 S1	1077.0	11/09/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00857	0.00606	0.0206	—	pCi/L	Y	U	U	2013-306	CAMO-13-24249	GELC
R-50 S1	1077.0	08/15/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00477	0.00477	0.016	—	pCi/L	Y	U	U	12-1503	CAMO-12-21737	GELC
R-50 S1	1077.0	11/16/17	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00000000353	0.0112	0.0558	—	pCi/L	Y	U	U	2018-945	CAMO-18-148081	GELC
R-50 S1	1077.0	11/09/15	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.00863	0.0485	—	pCi/L	Y	U	U	2016-302	CAMO-16-106069	GELC
R-50 S1	1077.0	11/09/15	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0197	0.00935	0.0634	—	pCi/L	Y	U	U	2016-302	CAMO-16-106110	GELC
R-50 S1	1077.0	11/14/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00648	0.00794	0.0641	—	pCi/L	Y	U	U	2015-327	CAMO-15-90220	GELC
R-50 S1	1077.0	11/09/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0107	0.00643	0.0342	—	pCi/L	Y	U	U	2013-306	CAMO-13-24249	GELC
R-50 S1	1077.0	08/15/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00238	0.00715	0.0287	—	pCi/L	Y	U	U	12-1503	CAMO-12-21737	GELC
R-50 S1	1077.0	12/14/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.29	—	—	0.05	mg/L	Y	—	NQ	2018-1290	CAMO-18-150344	GELC
R-50 S1	1077.0	12/14/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	1.22	—	—	0.05	mg/L	Y	—	NQ	2018-1290	CAMO-18-150363	GELC
R-50 S1	1077.0	11/16/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.36	—	—	0.05	mg/L	Y	—	NQ	2018-945	CAMO-18-148065	GELC
R-50 S1	1077.0	10/26/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.18	—	—	0.05	mg/L	Y	—	NQ	2018-594	CAMO-18-147642	GELC
R-50 S1	1077.0	07/28/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.25	—	—	0.05	mg/L	Y	—	NQ	2017-2179	CAMO-17-142780	GELC
R-50 S1	1077.0	05/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.32	—	—	0.05	mg/L	Y	—	NQ	2017-1552	CAMO-17-132214	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-50 S1	1077.0	02/21/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.32	—	—	0.05	mg/L	Y	—	NQ	2017-1060	CAMO-17-129413	GELC
R-50 S1	1077.0	11/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.34	—	—	0.05	mg/L	Y	—	NQ	2017-526	CAMO-17-127257	GELC
R-50 S1	1077.0	07/27/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.28	—	—	0.05	mg/L	Y	—	NQ	2016-1813	CAMO-16-124300	GELC
R-50 S1	1077.0	05/12/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.63	—	—	0.05	mg/L	Y	—	NQ	2016-1210	CAMO-16-115285	GELC
R-50 S1	1077.0	02/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.48	—	—	0.05	mg/L	Y	—	NQ	2016-752	CAMO-16-110046	GELC
R-50 S1	1077.0	11/16/17	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-7.59	15.2	59.6	—	pCi/L	Y	U	U	2018-945	CAMO-18-148081	GELC
R-50 S1	1077.0	11/09/15	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-8.71	17.1	65.3	—	pCi/L	Y	U	U	2016-302	CAMO-16-106069	GELC
R-50 S1	1077.0	11/09/15	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-7.46	18.7	70.8	—	pCi/L	Y	U	U	2016-302	CAMO-16-106110	GELC
R-50 S1	1077.0	11/14/14	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	35.9	16.7	43.6	—	pCi/L	Y	U	U	2015-327	CAMO-15-90220	GELC
R-50 S1	1077.0	11/09/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-2.43	23.2	85.6	—	pCi/L	Y	U	U	2013-306	CAMO-13-24249	GELC
R-50 S1	1077.0	08/15/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-5.93	19.7	65.5	—	pCi/L	Y	U	U	12-1503	CAMO-12-21737	GELC
R-50 S1	1077.0	12/14/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	67	—	—	0.053	mg/L	Y	—	NQ	2018-1290	CAMO-18-150344	GELC
R-50 S1	1077.0	12/14/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.2	—	—	0.053	mg/L	Y	—	NQ	2018-1290	CAMO-18-150363	GELC
R-50 S1	1077.0	11/16/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.1	—	—	0.053	mg/L	Y	—	NQ	2018-945	CAMO-18-148065	GELC
R-50 S1	1077.0	10/26/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.4	—	—	0.053	mg/L	Y	—	NQ	2018-594	CAMO-18-147642	GELC
R-50 S1	1077.0	07/28/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.2	—	—	0.053	mg/L	Y	—	NQ	2017-2179	CAMO-17-142780	GELC
R-50 S1	1077.0	05/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.1	—	—	0.053	mg/L	Y	—	NQ	2017-1552	CAMO-17-132214	GELC
R-50 S1	1077.0	02/21/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	69	—	—	0.053	mg/L	Y	—	NQ	2017-1060	CAMO-17-129413	GELC
R-50 S1	1077.0	11/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.7	—	—	0.053	mg/L	Y	—	NQ	2017-526	CAMO-17-127257	GELC
R-50 S1	1077.0	07/27/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	68	—	—	0.053	mg/L	Y	—	NQ	2016-1813	CAMO-16-124300	GELC
R-50 S1	1077.0	05/12/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	72.1	—	—	0.053	mg/L	Y	—	NQ	2016-1210	CAMO-16-115285	GELC
R-50 S1	1077.0	02/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.1	—	—	0.053	mg/L	Y	—	NQ	2016-752	CAMO-16-110046	GELC
R-50 S1	1077.0	12/14/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.5	—	—	0.1	mg/L	Y	—	NQ	2018-1290	CAMO-18-150344	GELC
R-50 S1	1077.0	12/14/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.3	—	—	0.1	mg/L	Y	—	NQ	2018-1290	CAMO-18-150363	GELC
R-50 S1	1077.0	11/16/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.3	—	—	0.1	mg/L	Y	—	NQ	2018-945	CAMO-18-148065	GELC
R-50 S1	1077.0	10/26/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.3	—	—	0.1	mg/L	Y	—	NQ	2018-594	CAMO-18-147642	GELC
R-50 S1	1077.0	07/28/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.1	—	—	0.1	mg/L	Y	—	NQ	2017-2179	CAMO-17-142780	GELC
R-50 S1	1077.0	05/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.8	—	—	0.1	mg/L	Y	—	NQ	2017-1552	CAMO-17-132214	GELC
R-50 S1	1077.0	02/21/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.7	—	—	0.1	mg/L	Y	—	NQ	2017-1060	CAMO-17-129413	GELC
R-50 S1	1077.0	11/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	13.2	—	—	0.1	mg/L	Y	—	NQ	2017-526	CAMO-17-127257	GELC
R-50 S1	1077.0	07/27/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.1	—	—	0.1	mg/L	Y	—	NQ	2016-1813	CAMO-16-124300	GELC
R-50 S1	1077.0	05/12/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	13.6	—	—	0.1	mg/L	Y	—	NQ	2016-1210	CAMO-16-115285	GELC
R-50 S1	1077.0	02/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	13.8	—	—	0.1	mg/L	Y	—	NQ	2016-752	CAMO-16-110046	GELC
R-50 S1	1077.0	11/16/17	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.533	0.934	4.09	—	pCi/L	Y	U	U	2018-945	CAMO-18-148081	GELC
R-50 S1	1077.0	11/09/15	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.43	1.47	4.28	—	pCi/L	Y	U	U	2016-302	CAMO-16-106069	GELC
R-50 S1	1077.0	11/09/15	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.571	1.65	6.35	—	pCi/L	Y	U	U	2016-302	CAMO-16-106110	GELC
R-50 S1	1077.0	11/14/14	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.35	1.28	4.31	—	pCi/L	Y	U	U	2015-327	CAMO-15-90220	GELC
R-50 S1	1077.0	11/09/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.35	1.66	6.76	—	pCi/L	Y	U	U	2013-306	CAMO-13-24249	GELC
R-50 S1	1077.0	08/15/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.55	1.46	5	—	pCi/L	Y	U	U	12-1503	CAMO-12-21737	GELC
R-50 S1	1077.0	12/14/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	211	—	—	1	µS/cm	Y	—	NQ	2018-1290	CAMO-18-150344	GELC
R-50 S1	1077.0	12/14/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	206	—	—	1	µS/cm	Y	—	NQ	2018-1290	CAMO-18-150363	GELC
R-50 S1	1077.0	11/16/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	214	—	—	1	µS/cm	Y	—	NQ	2018-945	CAMO-18-148065	GELC
R-50 S1	1077.0	10/26/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	226	—	—	1	µS/cm	Y	—	NQ	2018-594	CAMO-18-147642	GELC
R-50 S1	1077.0	07/28/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	198	—	—	1	µS/cm	Y	—	NQ	2017-2179	CAMO-17-142780	GELC
R-50 S1	1077.0	05/17/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	176	—	—	1	µS/cm	Y	—	NQ	2017-1552	CAMO-17-132214	GELC
R-50 S1	1077.0	02/21/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	184	—	—	1	µS/cm	Y	—	NQ	2017-1060	CAMO-17-129413	GELC
R-50 S1	1077.0	11/18/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	198	—	—	1	µS/cm	Y	—	NQ	2017-526	CAMO-17-127257	GELC
R-50 S1	1077.0	07/27/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	153	—	—	3.63	µS/cm	Y	—	NQ	2016-1813	CAMO-16-124300	GELC
R-50 S1	1077.0	05/12/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	208	—	—	3.63	µS/cm	Y	—	NQ	2016-1210	CAMO-16-115285	GELC
R-50 S1	1077.0	02/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	220	—	—	1	µS/cm	Y	—	NQ	2016-752	CAMO-16-110046	GELC
R-50 S1	1077.0	12/14/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	73.5	—	—	1	µg/L	Y	—	NQ	2018-1290	CAMO-18-150344	GELC
R-50 S1	1077.0	12/14/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	73.1	—	—	1	µg/L	Y	—	NQ	2018-1290	CAMO-18-150363	GELC
R-50 S1	1077.0	11/16/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	73.2	—	—	1	µg/L	Y	—	NQ	2018-945	CAMO-18-148065	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-50 S1	1077.0	10/26/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	71.4	—	—	1	µg/L	Y	—	NQ	2018-594	CAMO-18-147642	GELC
R-50 S1	1077.0	07/28/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	70.1	—	—	1	µg/L	Y	—	NQ	2017-2179	CAMO-17-142780	GELC
R-50 S1	1077.0	05/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	73.8	—	—	1	µg/L	Y	—	NQ	2017-1552	CAMO-17-132214	GELC
R-50 S1	1077.0	02/21/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	67.1	—	—	1	µg/L	Y	—	NQ	2017-1060	CAMO-17-129413	GELC
R-50 S1	1077.0	11/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	71.7	—	—	1	µg/L	Y	—	NQ	2017-526	CAMO-17-127257	GELC
R-50 S1	1077.0	07/27/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	64.2	—	—	1	µg/L	Y	—	NQ	2016-1813	CAMO-16-124300	GELC
R-50 S1	1077.0	05/12/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	72.7	—	—	1	µg/L	Y	—	NQ	2016-1210	CAMO-16-115285	GELC
R-50 S1	1077.0	02/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	61.7	—	—	1	µg/L	Y	—	NQ	2016-752	CAMO-16-110046	GELC
R-50 S1	1077.0	11/16/17	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.00748	0.0986	0.365	—	pCi/L	Y	U	U	2018-945	CAMO-18-148081	GELC
R-50 S1	1077.0	11/09/15	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0209	0.104	0.388	—	pCi/L	Y	U	U	2016-302	CAMO-16-106069	GELC
R-50 S1	1077.0	11/09/15	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.00345	0.112	0.395	—	pCi/L	Y	U	U	2016-302	CAMO-16-106110	GELC
R-50 S1	1077.0	11/14/14	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.252	0.118	0.487	—	pCi/L	Y	U	U	2015-327	CAMO-15-90220	GELC
R-50 S1	1077.0	11/09/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0381	0.139	0.494	—	pCi/L	Y	U	U	2013-306	CAMO-13-24249	GELC
R-50 S1	1077.0	08/15/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0219	0.128	0.486	—	pCi/L	Y	U	U	12-1503	CAMO-12-21737	GELC
R-50 S1	1077.0	12/14/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	14	—	—	0.133	mg/L	Y	—	J+	2018-1290	CAMO-18-150344	GELC
R-50 S1	1077.0	12/14/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	14	—	—	0.133	mg/L	Y	—	J+	2018-1290	CAMO-18-150363	GELC
R-50 S1	1077.0	11/16/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	13.5	—	—	0.133	mg/L	Y	—	NQ	2018-945	CAMO-18-148065	GELC
R-50 S1	1077.0	10/26/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	13.2	—	—	0.133	mg/L	Y	—	NQ	2018-594	CAMO-18-147642	GELC
R-50 S1	1077.0	07/28/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	13.1	—	—	0.133	mg/L	Y	—	NQ	2017-2179	CAMO-17-142780	GELC
R-50 S1	1077.0	05/17/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	14.3	—	—	0.133	mg/L	Y	—	NQ	2017-1552	CAMO-17-132214	GELC
R-50 S1	1077.0	02/21/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	12	—	—	0.133	mg/L	Y	—	NQ	2017-1060	CAMO-17-129413	GELC
R-50 S1	1077.0	11/18/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	12	—	—	0.133	mg/L	Y	—	NQ	2017-526	CAMO-17-127257	GELC
R-50 S1	1077.0	07/27/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	11.5	—	—	0.133	mg/L	Y	—	NQ	2016-1813	CAMO-16-124300	GELC
R-50 S1	1077.0	05/12/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	14.7	—	—	0.133	mg/L	Y	—	NQ	2016-1210	CAMO-16-115285	GELC
R-50 S1	1077.0	02/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	13.9	—	—	0.133	mg/L	Y	—	NQ	2016-752	CAMO-16-110046	GELC
R-50 S1	1077.0	12/14/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	2018-1290	CAMO-18-150344	GELC
R-50 S1	1077.0	12/14/17	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	2018-1290	CAMO-18-150363	GELC
R-50 S1	1077.0	12/14/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	2018-1290	CAMO-18-150352	GELC
R-50 S1	1077.0	12/14/17	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	2018-1290	CAMO-18-150364	GELC
R-50 S1	1077.0	11/16/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-945	CAMO-18-148081	GELC
R-50 S1	1077.0	11/16/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-945	CAMO-18-148065	GELC
R-50 S1	1077.0	10/26/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-594	CAMO-18-147642	GELC
R-50 S1	1077.0	10/26/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-594	CAMO-18-147657	GELC
R-50 S1	1077.0	07/28/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	2017-2179	CAMO-17-142312	GELC
R-50 S1	1077.0	07/28/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	2017-2179	CAMO-17-142780	GELC
R-50 S1	1077.0	05/17/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	2017-1552	CAMO-17-132214	GELC
R-50 S1	1077.0	05/17/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	2017-1552	CAMO-17-132234	GELC
R-50 S1	1077.0	02/21/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	Y	0.728	—	—	0.6	µg/L	Y	J	J	2017-1060	CAMO-17-129413	GELC
R-50 S1	1077.0	11/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	2	—	—	0.6	µg/L	Y	U	U	2017-526	CAMO-17-127257	GELC
R-50 S1	1077.0	07/27/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	2	—	—	0.45	µg/L	Y	U	U	2016-1813	CAMO-16-124300	GELC
R-50 S1	1077.0	05/12/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	2	—	—	0.45	µg/L	Y	U	U	2016-1210	CAMO-16-115285	GELC
R-50 S1	1077.0	02/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	2	—	—	0.45	µg/L	Y	U	U	2016-752	CAMO-16-110046	GELC
R-50 S1	1077.0	02/21/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	3.73	—	—	2.5	µg/L	Y	J	J	2017-1060	CAMO-17-129413	GELC
R-50 S1	1077.0	11/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	3.02	—	—	2.5	µg/L	Y	J	J	2017-526	CAMO-17-127257	GELC
R-50 S1	1077.0	07/27/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	2016-1813	CAMO-16-124300	GELC
R-50 S1	1077.0	05/12/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	2016-1210	CAMO-16-115285	GELC
R-50 S1	1077.0	02/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	2016-752	CAMO-16-110046	GELC
R-50 S1	1077.0	12/14/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	153	—	—	3.4	mg/L	Y	—	NQ	2018-1290	CAMO-18-150344	GELC
R-50 S1	1077.0	12/14/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	181	—	—	3.4	mg/L	Y	—	NQ	2018-1290	CAMO-18-150363	GELC
R-50 S1	1077.0	11/16/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	163	—	—	3.4	mg/L	Y	—	NQ	2018-945	CAMO-18-148065	GELC
R-50 S1	1077.0	10/26/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	163	—	—	3.4	mg/L	Y	—	NQ	2018-594	CAMO-18-147642	GELC
R-50 S1	1077.0	07/28/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	177	—	—	3.4	mg/L	Y	—	NQ	2017-2179	CAMO-17-142780	GELC
R-50 S1	1077.0	05/17/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	161	—	—	3.4	mg/L	Y	—	NQ	2017-1552	CAMO-17-132214	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-50 S1	1077.0	02/21/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	126	—	—	3.4	mg/L	Y	—	NQ	2017-1060	CAMO-17-129413	GELC
R-50 S1	1077.0	11/18/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	181	—	—	3.4	mg/L	Y	—	NQ	2017-526	CAMO-17-127257	GELC
R-50 S1	1077.0	07/27/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	166	—	—	3.4	mg/L	Y	—	NQ	2016-1813	CAMO-16-124300	GELC
R-50 S1	1077.0	05/12/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	203	—	—	3.4	mg/L	Y	—	J	2016-1210	CAMO-16-115285	GELC
R-50 S1	1077.0	02/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	231	—	—	3.4	mg/L	Y	—	NQ	2016-752	CAMO-16-110046	GELC
R-50 S1	1077.0	02/21/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.406	—	—	0.33	mg/L	Y	J	J	2017-1060	CAMO-17-129317	GELC
R-50 S1	1077.0	11/18/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	1	—	—	0.33	mg/L	Y	U	U	2017-526	CAMO-17-127237	GELC
R-50 S1	1077.0	07/27/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	1	—	—	0.33	mg/L	Y	U	U	2016-1813	CAMO-16-124276	GELC
R-50 S1	1077.0	05/12/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	1	—	—	0.33	mg/L	Y	U	U	2016-1210	CAMO-16-115262	GELC
R-50 S1	1077.0	02/16/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	1	—	—	0.33	mg/L	Y	U	U	2016-752	CAMO-16-110028	GELC
R-50 S1	1077.0	12/14/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0397	—	—	0.02	mg/L	Y	J	J	2018-1290	CAMO-18-150344	GELC
R-50 S1	1077.0	12/14/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0368	—	—	0.02	mg/L	Y	J	J	2018-1290	CAMO-18-150363	GELC
R-50 S1	1077.0	11/16/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0253	—	—	0.02	mg/L	Y	J	J	2018-945	CAMO-18-148065	GELC
R-50 S1	1077.0	07/28/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0658	—	—	0.02	mg/L	Y	—	NQ	2017-2179	CAMO-17-142780	GELC
R-50 S1	1077.0	05/17/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0211	—	—	0.02	mg/L	Y	J	J	2017-1552	CAMO-17-132214	GELC
R-50 S1	1077.0	02/21/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.133	—	—	0.02	mg/L	Y	—	NQ	2017-1060	CAMO-17-129413	GELC
R-50 S1	1077.0	11/18/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0311	—	—	0.02	mg/L	Y	J	J	2017-526	CAMO-17-127257	GELC
R-50 S1	1077.0	07/27/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.04	—	—	0.02	mg/L	Y	J	J	2016-1813	CAMO-16-124300	GELC
R-50 S1	1077.0	05/12/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0483	—	—	0.02	mg/L	Y	J	J	2016-1210	CAMO-16-115285	GELC
R-50 S1	1077.0	02/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0454	—	—	0.017	mg/L	Y	J	J	2016-752	CAMO-16-110046	GELC
R-50 S1	1077.0	11/16/17	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	25.504	4.016	2.826	—	pCi/L	Y	—	NQ	2018-1067	CAMO-18-148081	ARSL
R-50 S1	1077.0	07/28/17	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	18.081	2.863	2.148	—	pCi/L	Y	—	J-	2017-2313	CAMO-17-142312	ARSL
R-50 S1	1077.0	05/17/17	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	24.16	3.784	2.487	—	pCi/L	Y	—	NQ	2017-1555	CAMO-17-132234	ARSL
R-50 S1	1077.0	11/18/16	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	16.752	2.663	2.094	—	pCi/L	Y	—	J-	2017-541	CAMO-17-127237	ARSL
R-50 S1	1077.0	05/12/16	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	29.499	4.567	2.254	—	pCi/L	Y	—	J-	2016-1238	CAMO-16-115262	ARSL
R-50 S1	1077.0	11/09/15	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	17.216	2.799	2.627	—	pCi/L	Y	—	J+	2016-321	CAMO-16-106069	ARSL
R-50 S1	1077.0	11/09/15	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	15.974	2.646	2.829	—	pCi/L	Y	—	J+	2016-321	CAMO-16-106110	ARSL
R-50 S1	1077.0	05/08/15	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	25.581	3.986	2.231	—	pCi/L	Y	—	NQ	2015-1205	CAMO-15-95788	ARSL
R-50 S1	1077.0	12/14/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.491	—	—	0.067	µg/L	Y	—	NQ	2018-1290	CAMO-18-150344	GELC
R-50 S1	1077.0	12/14/17	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.457	—	—	0.067	µg/L	Y	—	NQ	2018-1290	CAMO-18-150363	GELC
R-50 S1	1077.0	11/16/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.499	—	—	0.067	µg/L	Y	—	NQ	2018-945	CAMO-18-148065	GELC
R-50 S1	1077.0	10/26/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.466	—	—	0.067	µg/L	Y	—	NQ	2018-594	CAMO-18-147642	GELC
R-50 S1	1077.0	07/28/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.47	—	—	0.067	µg/L	Y	—	NQ	2017-2179	CAMO-17-142780	GELC
R-50 S1	1077.0	05/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.504	—	—	0.067	µg/L	Y	—	NQ	2017-1552	CAMO-17-132214	GELC
R-50 S1	1077.0	02/21/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.574	—	—	0.067	µg/L	Y	—	NQ	2017-1060	CAMO-17-129413	GELC
R-50 S1	1077.0	11/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.508	—	—	0.067	µg/L	Y	—	NQ	2017-526	CAMO-17-127257	GELC
R-50 S1	1077.0	07/27/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.444	—	—	0.067	µg/L	Y	—	NQ	2016-1813	CAMO-16-124300	GELC
R-50 S1	1077.0	05/12/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.565	—	—	0.067	µg/L	Y	—	NQ	2016-1210	CAMO-16-115285	GELC
R-50 S1	1077.0	02/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.514	—	—	0.067	µg/L	Y	—	NQ	2016-752	CAMO-16-110046	GELC
R-50 S1	1077.0	11/16/17	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.358	0.0471	0.247	—	pCi/L	Y	—	NQ	2018-945	CAMO-18-148081	GELC
R-50 S1	1077.0	11/09/15	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.404	0.0312	0.0746	—	pCi/L	Y	—	NQ	2016-302	CAMO-16-106069	GELC
R-50 S1	1077.0	11/09/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.383	0.0313	0.0787	—	pCi/L	Y	—	NQ	2016-302	CAMO-16-106110	GELC
R-50 S1	1077.0	11/14/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.32	0.0317	0.055	—	pCi/L	Y	—	J	2015-327	CAMO-15-90220	GELC
R-50 S1	1077.0	11/09/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.42	0.0372	0.0726	—	pCi/L	Y	—	NQ	2013-306	CAMO-13-24249	GELC
R-50 S1	1077.0	08/15/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.369	0.0352	0.0764	—	pCi/L	Y	—	NQ	12-1503	CAMO-12-21737	GELC
R-50 S1	1077.0	11/16/17	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0561	0.0231	0.109	—	pCi/L	Y	U	U	2018-945	CAMO-18-148081	GELC
R-50 S1	1077.0	11/09/15	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0198	0.0109	0.065	—	pCi/L	Y	U	U	2016-302	CAMO-16-106069	GELC
R-50 S1	1077.0	11/09/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0	0.00942	0.0686	—	pCi/L	Y	U	U	2016-302	CAMO-16-106110	GELC
R-50 S1	1077.0	11/14/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0399	0.0141	0.0479	—	pCi/L	Y	U	U	2015-327	CAMO-15-90220	GELC
R-50 S1	1077.0	11/09/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0271	0.0128	0.0453	—	pCi/L	Y	U	U	2013-306	CAMO-13-24249	GELC
R-50 S1	1077.0	08/15/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0141	0.00999	0.0493	—	pCi/L	Y	U	U	12-1503	CAMO-12-21737	GELC
R-50 S1	1077.0	11/16/17	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.182	0.0335	0.146	—	pCi/L	Y	—	NQ	2018-945	CAMO-18-148081	GELC
R-50 S1	1077.0	11/09/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.19	0.0225	0.0777	—	pCi/L	Y	—	NQ	2016-302	CAMO-16-106110	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-50 S1	1077.0	11/09/15	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.173	0.0209	0.0736	—	pCi/L	Y	—	NQ	2016-302	CAMO-16-106069	GELC
R-50 S1	1077.0	11/14/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.164	0.0213	0.0527	—	pCi/L	Y	—	NQ	2015-327	CAMO-15-90220	GELC
R-50 S1	1077.0	11/09/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.21	0.0267	0.0493	—	pCi/L	Y	—	NQ	2013-306	CAMO-13-24249	GELC
R-50 S1	1077.0	08/15/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.16	0.0221	0.0387	—	pCi/L	Y	—	NQ	12-1503	CAMO-12-21737	GELC
R-50 S1	1077.0	12/14/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.63	—	—	1	µg/L	Y	J	J	2018-1290	CAMO-18-150344	GELC
R-50 S1	1077.0	12/14/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.55	—	—	1	µg/L	Y	J	J	2018-1290	CAMO-18-150363	GELC
R-50 S1	1077.0	11/16/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.69	—	—	1	µg/L	Y	J	J	2018-945	CAMO-18-148065	GELC
R-50 S1	1077.0	10/26/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.21	—	—	1	µg/L	Y	J	J	2018-594	CAMO-18-147642	GELC
R-50 S1	1077.0	07/28/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.91	—	—	1	µg/L	Y	J	J	2017-2179	CAMO-17-142780	GELC
R-50 S1	1077.0	05/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.3	—	—	1	µg/L	Y	J	J	2017-1552	CAMO-17-132214	GELC
R-50 S1	1077.0	02/21/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.6	—	—	1	µg/L	Y	J	J	2017-1060	CAMO-17-129413	GELC
R-50 S1	1077.0	11/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.21	—	—	1	µg/L	Y	—	NQ	2017-526	CAMO-17-127257	GELC
R-50 S1	1077.0	07/27/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.23	—	—	1	µg/L	Y	—	NQ	2016-1813	CAMO-16-124300	GELC
R-50 S1	1077.0	05/12/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.09	—	—	1	µg/L	Y	J	J	2016-1210	CAMO-16-115285	GELC
R-50 S1	1077.0	02/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.7	—	—	1	µg/L	Y	J	J	2016-752	CAMO-16-110046	GELC
R-50 S1	1077.0	12/14/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	8.01	—	—	3.3	µg/L	Y	J	J	2018-1290	CAMO-18-150344	GELC
R-50 S1	1077.0	12/14/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Zinc	Zn	Y	7.52	—	—	3.3	µg/L	Y	J	J	2018-1290	CAMO-18-150363	GELC
R-50 S1	1077.0	11/16/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	9.37	—	—	3.3	µg/L	Y	J	J	2018-945	CAMO-18-148065	GELC
R-50 S1	1077.0	10/26/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	14.4	—	—	3.3	µg/L	Y	—	NQ	2018-594	CAMO-18-147642	GELC
R-50 S1	1077.0	07/28/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	11.4	—	—	3.3	µg/L	Y	—	NQ	2017-2179	CAMO-17-142780	GELC
R-50 S1	1077.0	02/21/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	6.55	—	—	3.3	µg/L	Y	J	J	2017-1060	CAMO-17-129413	GELC
R-50 S1	1077.0	11/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2017-526	CAMO-17-127257	GELC
R-50 S1	1077.0	07/27/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	7.15	—	—	3.3	µg/L	Y	J	J	2016-1813	CAMO-16-124300	GELC
R-50 S1	1077.0	05/12/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	5.35	—	—	3.3	µg/L	Y	J	J	2016-1210	CAMO-16-115285	GELC
R-50 S1	1077.0	02/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	10.8	—	—	3.3	µg/L	Y	—	NQ	2016-752	CAMO-16-110046	GELC
R-50 S2	1185.0	12/14/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.05	—	—	0.01	SU	Y	H	NQ	2018-1290	CAMO-18-150345	GELC
R-50 S2	1185.0	11/16/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.09	—	—	0.01	SU	Y	H	NQ	2018-945	CAMO-18-148066	GELC
R-50 S2	1185.0	10/26/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.08	—	—	0.01	SU	Y	H	NQ	2018-594	CAMO-18-147643	GELC
R-50 S2	1185.0	07/28/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.12	—	—	0.01	SU	Y	H	NQ	2017-2179	CAMO-17-141985	GELC
R-50 S2	1185.0	05/18/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.13	—	—	0.01	SU	Y	H	NQ	2017-1566	CAMO-17-132215	GELC
R-50 S2	1185.0	02/16/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.15	—	—	0.01	SU	Y	H	NQ	2017-1050	CAMO-17-129302	GELC
R-50 S2	1185.0	11/18/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.2	—	—	0.01	SU	Y	H	NQ	2017-526	CAMO-17-127258	GELC
R-50 S2	1185.0	08/08/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.24	—	—	0.01	SU	Y	H	NQ	2016-1995	CAMO-16-124301	GELC
R-50 S2	1185.0	05/03/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.14	—	—	0.01	SU	Y	H	NQ	2016-1142	CAMO-16-115286	GELC
R-50 S2	1185.0	02/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.25	—	—	0.01	SU	Y	H	NQ	2016-713	CAMO-16-110047	GELC
R-50 S2	1185.0	12/14/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.4	—	—	1.45	mg/L	Y	—	NQ	2018-1290	CAMO-18-150345	GELC
R-50 S2	1185.0	11/16/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.3	—	—	1.45	mg/L	Y	—	NQ	2018-945	CAMO-18-148066	GELC
R-50 S2	1185.0	10/26/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.1	—	—	1.45	mg/L	Y	—	NQ	2018-594	CAMO-18-147643	GELC
R-50 S2	1185.0	07/28/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.1	—	—	1.45	mg/L	Y	—	NQ	2017-2179	CAMO-17-141985	GELC
R-50 S2	1185.0	05/18/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.2	—	—	1.45	mg/L	Y	—	NQ	2017-1566	CAMO-17-132215	GELC
R-50 S2	1185.0	02/16/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65	—	—	1.45	mg/L	Y	—	NQ	2017-1050	CAMO-17-129302	GELC
R-50 S2	1185.0	11/18/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.6	—	—	1.45	mg/L	Y	—	NQ	2017-526	CAMO-17-127258	GELC
R-50 S2	1185.0	08/08/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.3	—	—	0.725	mg/L	Y	—	NQ	2016-1995	CAMO-16-124301	GELC
R-50 S2	1185.0	05/03/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62	—	—	0.725	mg/L	Y	—	NQ	2016-1142	CAMO-16-115286	GELC
R-50 S2	1185.0	02/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.3	—	—	0.725	mg/L	Y	—	NQ	2016-713	CAMO-16-110047	GELC
R-50 S2	1185.0	11/16/17	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0219	0.00772	0.0355	—	pCi/L	Y	U	U	2018-945	CAMO-18-148082	GELC
R-50 S2	1185.0	11/09/15	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00455	0.00643	0.0307	—	pCi/L	Y	U	U	2016-302	CAMO-16-106111	GELC
R-50 S2	1185.0	11/13/14	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0103	0.0077	0.0719	—	pCi/L	Y	U	U	2015-318	CAMO-15-90221	GELC
R-50 S2	1185.0	11/09/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00749	0.0053	0.0213	—	pCi/L	Y	U	U	2013-306	CAMO-13-24250	GELC
R-50 S2	1185.0	08/16/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.00314	0.0305	—	pCi/L	Y	U	U	12-1506	CAMO-12-21738	GELC
R-50 S2	1185.0	12/14/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0387	—	—	0.017	mg/L	Y	J	J	2018-1290	CAMO-18-150345	GELC
R-50 S2	1185.0	11/16/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0419	—	—	0.017	mg/L	Y	J	J	2018-945	CAMO-18-148066	GELC
R-50 S2	1185.0	07/28/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0462	—	—	0.017	mg/L	Y	J	J	2017-2179	CAMO-17-141985	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-50 S2	1185.0	02/16/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0427	—	—	0.017	mg/L	Y	J	J	2017-1050	CAMO-17-129302	GELC
R-50 S2	1185.0	11/18/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.113	—	—	0.017	mg/L	Y	—	J	2017-526	CAMO-17-127258	GELC
R-50 S2	1185.0	08/08/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0543	—	—	0.017	mg/L	Y	—	NQ	2016-1995	CAMO-16-124301	GELC
R-50 S2	1185.0	05/03/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0599	—	—	0.017	mg/L	Y	—	U	2016-1142	CAMO-16-115286	GELC
R-50 S2	1185.0	02/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.017	mg/L	Y	U	U	2016-713	CAMO-16-110047	GELC
R-50 S2	1185.0	10/26/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.04	—	—	2	µg/L	Y	J	J	2018-594	CAMO-18-147643	GELC
R-50 S2	1185.0	07/28/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	2017-2179	CAMO-17-141985	GELC
R-50 S2	1185.0	05/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	2	µg/L	Y	U	U	2017-1566	CAMO-17-132215	GELC
R-50 S2	1185.0	02/16/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2017-1050	CAMO-17-129302	GELC
R-50 S2	1185.0	11/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.38	—	—	1.7	µg/L	Y	J	J	2017-526	CAMO-17-127258	GELC
R-50 S2	1185.0	12/14/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	24.1	—	—	1	µg/L	Y	—	NQ	2018-1290	CAMO-18-150345	GELC
R-50 S2	1185.0	11/16/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	24.5	—	—	1	µg/L	Y	—	NQ	2018-945	CAMO-18-148066	GELC
R-50 S2	1185.0	10/26/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	23.5	—	—	1	µg/L	Y	—	NQ	2018-594	CAMO-18-147643	GELC
R-50 S2	1185.0	07/28/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	23.8	—	—	1	µg/L	Y	—	NQ	2017-2179	CAMO-17-141985	GELC
R-50 S2	1185.0	05/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	24.7	—	—	1	µg/L	Y	—	NQ	2017-1566	CAMO-17-132215	GELC
R-50 S2	1185.0	02/16/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	24.1	—	—	1	µg/L	Y	—	NQ	2017-1050	CAMO-17-129302	GELC
R-50 S2	1185.0	11/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	25.8	—	—	1	µg/L	Y	—	NQ	2017-526	CAMO-17-127258	GELC
R-50 S2	1185.0	08/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	24.8	—	—	1	µg/L	Y	—	NQ	2016-1995	CAMO-16-124301	GELC
R-50 S2	1185.0	05/03/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	24.3	—	—	1	µg/L	Y	—	NQ	2016-1142	CAMO-16-115286	GELC
R-50 S2	1185.0	02/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	24.7	—	—	1	µg/L	Y	—	NQ	2016-713	CAMO-16-110047	GELC
R-50 S2	1185.0	02/16/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	17.1	—	—	15	µg/L	Y	J	J	2017-1050	CAMO-17-129302	GELC
R-50 S2	1185.0	11/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	50	—	—	15	µg/L	Y	U	U	2017-526	CAMO-17-127258	GELC
R-50 S2	1185.0	08/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	15.6	—	—	15	µg/L	Y	J	J	2016-1995	CAMO-16-124301	GELC
R-50 S2	1185.0	05/03/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	50	—	—	15	µg/L	Y	U	U	2016-1142	CAMO-16-115286	GELC
R-50 S2	1185.0	02/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	50	—	—	15	µg/L	Y	U	U	2016-713	CAMO-16-110047	GELC
R-50 S2	1185.0	12/14/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.6	—	—	0.05	mg/L	Y	—	NQ	2018-1290	CAMO-18-150345	GELC
R-50 S2	1185.0	11/16/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.3	—	—	0.05	mg/L	Y	—	NQ	2018-945	CAMO-18-148066	GELC
R-50 S2	1185.0	10/26/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11	—	—	0.05	mg/L	Y	—	NQ	2018-594	CAMO-18-147643	GELC
R-50 S2	1185.0	07/28/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.1	—	—	0.05	mg/L	Y	—	NQ	2017-2179	CAMO-17-141985	GELC
R-50 S2	1185.0	05/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.4	—	—	0.05	mg/L	Y	—	NQ	2017-1566	CAMO-17-132215	GELC
R-50 S2	1185.0	02/16/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.5	—	—	0.05	mg/L	Y	—	NQ	2017-1050	CAMO-17-129302	GELC
R-50 S2	1185.0	11/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.4	—	—	0.05	mg/L	Y	—	NQ	2017-526	CAMO-17-127258	GELC
R-50 S2	1185.0	08/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.5	—	—	0.05	mg/L	Y	—	NQ	2016-1995	CAMO-16-124301	GELC
R-50 S2	1185.0	05/03/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11	—	—	0.05	mg/L	Y	—	NQ	2016-1142	CAMO-16-115286	GELC
R-50 S2	1185.0	02/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.8	—	—	0.05	mg/L	Y	—	NQ	2016-713	CAMO-16-110047	GELC
R-50 S2	1185.0	11/16/17	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.09	1.46	4.64	—	pCi/L	Y	U	U	2018-945	CAMO-18-148082	GELC
R-50 S2	1185.0	11/09/15	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.931	1.3	5.06	—	pCi/L	Y	U	U	2016-302	CAMO-16-106111	GELC
R-50 S2	1185.0	11/13/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.242	1.52	4.91	—	pCi/L	Y	U	U	2015-318	CAMO-15-90221	GELC
R-50 S2	1185.0	11/09/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.23	1.11	4.33	—	pCi/L	Y	U	U	2013-306	CAMO-13-24250	GELC
R-50 S2	1185.0	08/16/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.84	1.54	6.08	—	pCi/L	Y	U	U	12-1506	CAMO-12-21738	GELC
R-50 S2	1185.0	12/14/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.08	—	—	0.067	mg/L	Y	—	NQ	2018-1290	CAMO-18-150345	GELC
R-50 S2	1185.0	11/16/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.05	—	—	0.067	mg/L	Y	—	NQ	2018-945	CAMO-18-148066	GELC
R-50 S2	1185.0	10/26/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.06	—	—	0.067	mg/L	Y	—	NQ	2018-594	CAMO-18-147643	GELC
R-50 S2	1185.0	07/28/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.13	—	—	0.067	mg/L	Y	—	NQ	2017-2179	CAMO-17-141985	GELC
R-50 S2	1185.0	05/18/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.32	—	—	0.067	mg/L	Y	—	NQ	2017-1566	CAMO-17-132215	GELC
R-50 S2	1185.0	02/16/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.08	—	—	0.067	mg/L	Y	—	NQ	2017-1050	CAMO-17-129302	GELC
R-50 S2	1185.0	11/18/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.09	—	—	0.067	mg/L	Y	—	NQ	2017-526	CAMO-17-127258	GELC
R-50 S2	1185.0	08/08/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.16	—	—	0.067	mg/L	Y	—	NQ	2016-1995	CAMO-16-124301	GELC
R-50 S2	1185.0	05/03/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.05	—	—	0.067	mg/L	Y	—	NQ	2016-1142	CAMO-16-115286	GELC
R-50 S2	1185.0	02/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.99	—	—	0.067	mg/L	Y	—	NQ	2016-713	CAMO-16-110047	GELC
R-50 S2	1185.0	12/14/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.62	—	—	3	µg/L	Y	J	J	2018-1290	CAMO-18-150345	GELC
R-50 S2	1185.0	11/16/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.06	—	—	3	µg/L	Y	JN	J	2018-945	CAMO-18-148066	GELC
R-50 S2	1185.0	10/26/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.89	—	—	3	µg/L	Y	J	J	2018-594	CAMO-18-147643	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-50 S2	1185.0	07/28/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.99	—	—	3	µg/L	Y	J	J	2017-2179	CAMO-17-141985	GELC
R-50 S2	1185.0	05/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.98	—	—	3	µg/L	Y	J	J	2017-1566	CAMO-17-132215	GELC
R-50 S2	1185.0	02/16/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.26	—	—	3	µg/L	Y	J	J	2017-1050	CAMO-17-129302	GELC
R-50 S2	1185.0	11/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.35	—	—	3	µg/L	Y	J	J	2017-526	CAMO-17-127258	GELC
R-50 S2	1185.0	08/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.94	—	—	2	µg/L	Y	J	J	2016-1995	CAMO-16-124301	GELC
R-50 S2	1185.0	05/03/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.29	—	—	2	µg/L	Y	J	J	2016-1142	CAMO-16-115286	GELC
R-50 S2	1185.0	02/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.95	—	—	2	µg/L	Y	J	J	2016-713	CAMO-16-110047	GELC
R-50 S2	1185.0	11/16/17	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.76	1.5	5.18	—	pCi/L	Y	U	U	2018-945	CAMO-18-148082	GELC
R-50 S2	1185.0	11/09/15	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.573	1.35	4.99	—	pCi/L	Y	U	U	2016-302	CAMO-16-106111	GELC
R-50 S2	1185.0	11/13/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.176	1.58	5.06	—	pCi/L	Y	U	U	2015-318	CAMO-15-90221	GELC
R-50 S2	1185.0	11/09/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-2.77	1.42	4.48	—	pCi/L	Y	U	U	2013-306	CAMO-13-24250	GELC
R-50 S2	1185.0	08/16/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.498	1.45	5.46	—	pCi/L	Y	U	U	12-1506	CAMO-12-21738	GELC
R-50 S2	1185.0	12/14/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.295	—	—	0.033	mg/L	Y	—	NQ	2018-1290	CAMO-18-150345	GELC
R-50 S2	1185.0	11/16/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.258	—	—	0.033	mg/L	Y	—	NQ	2018-945	CAMO-18-148066	GELC
R-50 S2	1185.0	10/26/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.284	—	—	0.033	mg/L	Y	—	NQ	2018-594	CAMO-18-147643	GELC
R-50 S2	1185.0	07/28/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.296	—	—	0.033	mg/L	Y	—	NQ	2017-2179	CAMO-17-141985	GELC
R-50 S2	1185.0	05/18/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.383	—	—	0.033	mg/L	Y	—	NQ	2017-1566	CAMO-17-132215	GELC
R-50 S2	1185.0	02/16/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.326	—	—	0.033	mg/L	Y	—	NQ	2017-1050	CAMO-17-129302	GELC
R-50 S2	1185.0	11/18/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.282	—	—	0.033	mg/L	Y	—	NQ	2017-526	CAMO-17-127258	GELC
R-50 S2	1185.0	08/08/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.285	—	—	0.033	mg/L	Y	—	NQ	2016-1995	CAMO-16-124301	GELC
R-50 S2	1185.0	05/03/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.334	—	—	0.033	mg/L	Y	—	NQ	2016-1142	CAMO-16-115286	GELC
R-50 S2	1185.0	02/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.287	—	—	0.033	mg/L	Y	—	NQ	2016-713	CAMO-16-110047	GELC
R-50 S2	1185.0	11/16/17	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.72	0.934	2.96	—	pCi/L	Y	U	U	2018-945	CAMO-18-148082	GELC
R-50 S2	1185.0	11/09/15	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	4.28	1.14	2.98	—	pCi/L	Y	—	NQ	2016-302	CAMO-16-106111	GELC
R-50 S2	1185.0	11/13/14	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.481	0.321	1.06	—	pCi/L	Y	U	U	2015-318	CAMO-15-90221	GELC
R-50 S2	1185.0	11/09/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.0227	0.473	2.32	—	pCi/L	Y	U	U	2013-306	CAMO-13-24250	GELC
R-50 S2	1185.0	08/16/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.009	0.506	2.4	—	pCi/L	Y	U	U	12-1506	CAMO-12-21738	GELC
R-50 S2	1185.0	11/16/17	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.166	0.8	2.9	—	pCi/L	Y	U	U	2018-945	CAMO-18-148082	GELC
R-50 S2	1185.0	11/09/15	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.11	0.37	0.999	—	pCi/L	Y	—	NQ	2016-302	CAMO-16-106111	GELC
R-50 S2	1185.0	11/13/14	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.3	0.416	1.21	—	pCi/L	Y	—	NQ	2015-318	CAMO-15-90221	GELC
R-50 S2	1185.0	11/09/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.933	0.707	2.39	—	pCi/L	Y	U	U	2013-306	CAMO-13-24250	GELC
R-50 S2	1185.0	08/16/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.16	0.929	2.98	—	pCi/L	Y	U	U	12-1506	CAMO-12-21738	GELC
R-50 S2	1185.0	12/14/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	44.9	—	—	0.453	mg/L	Y	—	NQ	2018-1290	CAMO-18-150345	GELC
R-50 S2	1185.0	11/16/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	43.9	—	—	0.453	mg/L	Y	—	NQ	2018-945	CAMO-18-148066	GELC
R-50 S2	1185.0	10/26/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	43.4	—	—	0.453	mg/L	Y	—	NQ	2018-594	CAMO-18-147643	GELC
R-50 S2	1185.0	07/28/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	43.5	—	—	0.453	mg/L	Y	—	NQ	2017-2179	CAMO-17-141985	GELC
R-50 S2	1185.0	05/18/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	44.1	—	—	0.453	mg/L	Y	—	NQ	2017-1566	CAMO-17-132215	GELC
R-50 S2	1185.0	02/16/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	44.6	—	—	0.453	mg/L	Y	—	NQ	2017-1050	CAMO-17-129302	GELC
R-50 S2	1185.0	11/18/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	48.5	—	—	0.453	mg/L	Y	—	NQ	2017-526	CAMO-17-127258	GELC
R-50 S2	1185.0	08/08/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	44.8	—	—	0.453	mg/L	Y	—	NQ	2016-1995	CAMO-16-124301	GELC
R-50 S2	1185.0	05/03/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	42.9	—	—	0.453	mg/L	Y	—	NQ	2016-1142	CAMO-16-115286	GELC
R-50 S2	1185.0	02/09/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	46.3	—	—	0.453	mg/L	Y	—	NQ	2016-713	CAMO-16-110047	GELC
R-50 S2	1185.0	12/14/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.9	—	—	0.11	mg/L	Y	—	NQ	2018-1290	CAMO-18-150345	GELC
R-50 S2	1185.0	11/16/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.82	—	—	0.11	mg/L	Y	—	NQ	2018-945	CAMO-18-148066	GELC
R-50 S2	1185.0	10/26/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.86	—	—	0.11	mg/L	Y	—	NQ	2018-594	CAMO-18-147643	GELC
R-50 S2	1185.0	07/28/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.83	—	—	0.11	mg/L	Y	—	NQ	2017-2179	CAMO-17-141985	GELC
R-50 S2	1185.0	05/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.8	—	—	0.11	mg/L	Y	—	NQ	2017-1566	CAMO-17-132215	GELC
R-50 S2	1185.0	02/16/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.85	—	—	0.11	mg/L	Y	—	NQ	2017-1050	CAMO-17-129302	GELC
R-50 S2	1185.0	11/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.24	—	—	0.11	mg/L	Y	—	NQ	2017-526	CAMO-17-127258	GELC
R-50 S2	1185.0	08/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.92	—	—	0.11	mg/L	Y	—	NQ	2016-1995	CAMO-16-124301	GELC
R-50 S2	1185.0	05/03/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.76	—	—	0.11	mg/L	Y	—	NQ	2016-1142	CAMO-16-115286	GELC
R-50 S2	1185.0	02/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.08	—	—	0.11	mg/L	Y	—	NQ	2016-713	CAMO-16-110047	GELC
R-50 S2	1185.0	12/14/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.01	—	—	0.2	µg/L	Y	—	NQ	2018-1290	CAMO-18-150345	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-50 S2	1185.0	11/16/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.19	—	—	0.2	µg/L	Y	—	NQ	2018-945	CAMO-18-148066	GELC
R-50 S2	1185.0	10/26/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.11	—	—	0.2	µg/L	Y	—	NQ	2018-594	CAMO-18-147643	GELC
R-50 S2	1185.0	07/28/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.02	—	—	0.2	µg/L	Y	—	NQ	2017-2179	CAMO-17-141985	GELC
R-50 S2	1185.0	05/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.18	—	—	0.2	µg/L	Y	—	NQ	2017-1566	CAMO-17-132215	GELC
R-50 S2	1185.0	02/16/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.04	—	—	0.3	µg/L	Y	—	NQ	2017-1050	CAMO-17-129302	GELC
R-50 S2	1185.0	11/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.05	—	—	0.3	µg/L	Y	—	NQ	2017-526	CAMO-17-127258	GELC
R-50 S2	1185.0	08/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.02	—	—	0.165	µg/L	Y	—	NQ	2016-1995	CAMO-16-124301	GELC
R-50 S2	1185.0	05/03/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.01	—	—	0.165	µg/L	Y	—	NQ	2016-1142	CAMO-16-115286	GELC
R-50 S2	1185.0	02/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.08	—	—	0.165	µg/L	Y	—	NQ	2016-713	CAMO-16-110047	GELC
R-50 S2	1185.0	11/16/17	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.15	2.14	8.03	—	pCi/L	Y	U	U	2018-945	CAMO-18-148082	GELC
R-50 S2	1185.0	11/09/15	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.137	2.78	9.96	—	pCi/L	Y	U	U	2016-302	CAMO-16-106111	GELC
R-50 S2	1185.0	11/13/14	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.714	2.48	8.59	—	pCi/L	Y	U	U	2015-318	CAMO-15-90221	GELC
R-50 S2	1185.0	11/09/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.02	2.66	9.55	—	pCi/L	Y	U	U	2013-306	CAMO-13-24250	GELC
R-50 S2	1185.0	08/16/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	5.02	3.01	11.4	—	pCi/L	Y	U	U	12-1506	CAMO-12-21738	GELC
R-50 S2	1185.0	12/14/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.843	—	—	0.6	µg/L	Y	J	J	2018-1290	CAMO-18-150345	GELC
R-50 S2	1185.0	11/16/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1	—	—	0.6	µg/L	Y	J	J	2018-945	CAMO-18-148066	GELC
R-50 S2	1185.0	10/26/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.93	—	—	0.6	µg/L	Y	J	J	2018-594	CAMO-18-147643	GELC
R-50 S2	1185.0	07/28/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.728	—	—	0.6	µg/L	Y	J	J	2017-2179	CAMO-17-141985	GELC
R-50 S2	1185.0	05/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.804	—	—	0.6	µg/L	Y	J	J	2017-1566	CAMO-17-132215	GELC
R-50 S2	1185.0	02/16/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.971	—	—	0.5	µg/L	Y	J	J	2017-1050	CAMO-17-129302	GELC
R-50 S2	1185.0	11/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.568	—	—	0.5	µg/L	Y	J	J	2017-526	CAMO-17-127258	GELC
R-50 S2	1185.0	08/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	2	—	—	0.5	µg/L	Y	U	U	2016-1995	CAMO-16-124301	GELC
R-50 S2	1185.0	05/03/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.18	—	—	0.5	µg/L	Y	J	J	2016-1142	CAMO-16-115286	GELC
R-50 S2	1185.0	02/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.15	—	—	0.5	µg/L	Y	J	J	2016-713	CAMO-16-110047	GELC
R-50 S2	1185.0	12/14/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.505	—	—	0.017	mg/L	Y	—	NQ	2018-1290	CAMO-18-150345	GELC
R-50 S2	1185.0	11/16/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.498	—	—	0.017	mg/L	Y	—	NQ	2018-945	CAMO-18-148066	GELC
R-50 S2	1185.0	10/26/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.489	—	—	0.017	mg/L	Y	—	NQ	2018-594	CAMO-18-147643	GELC
R-50 S2	1185.0	07/28/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.537	—	—	0.017	mg/L	Y	—	NQ	2017-2179	CAMO-17-141985	GELC
R-50 S2	1185.0	05/18/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.477	—	—	0.017	mg/L	Y	—	NQ	2017-1566	CAMO-17-132215	GELC
R-50 S2	1185.0	02/16/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.46	—	—	0.017	mg/L	Y	—	NQ	2017-1050	CAMO-17-129302	GELC
R-50 S2	1185.0	11/18/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.47	—	—	0.017	mg/L	Y	—	NQ	2017-526	CAMO-17-127258	GELC
R-50 S2	1185.0	08/08/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.539	—	—	0.017	mg/L	Y	—	NQ	2016-1995	CAMO-16-124301	GELC
R-50 S2	1185.0	05/03/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.53	—	—	0.085	mg/L	Y	—	NQ	2016-1142	CAMO-16-115286	GELC
R-50 S2	1185.0	02/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.448	—	—	0.017	mg/L	Y	—	NQ	2016-713	CAMO-16-110047	GELC
R-50 S2	1185.0	12/14/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.335	—	—	0.05	µg/L	Y	—	NQ	2018-1290	CAMO-18-150345	GELC
R-50 S2	1185.0	11/16/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.336	—	—	0.05	µg/L	Y	—	NQ	2018-945	CAMO-18-148066	GELC
R-50 S2	1185.0	10/26/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.348	—	—	0.05	µg/L	Y	—	NQ	2018-594	CAMO-18-147643	GELC
R-50 S2	1185.0	07/28/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.339	—	—	0.05	µg/L	Y	—	NQ	2017-2179	CAMO-17-141985	GELC
R-50 S2	1185.0	05/18/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.346	—	—	0.05	µg/L	Y	—	NQ	2017-1566	CAMO-17-132215	GELC
R-50 S2	1185.0	02/16/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.331	—	—	0.05	µg/L	Y	—	NQ	2017-1050	CAMO-17-129302	GELC
R-50 S2	1185.0	11/18/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.325	—	—	0.05	µg/L	Y	—	NQ	2017-526	CAMO-17-127258	GELC
R-50 S2	1185.0	08/08/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.326	—	—	0.05	µg/L	Y	—	NQ	2016-1995	CAMO-16-124301	GELC
R-50 S2	1185.0	05/03/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.323	—	—	0.05	µg/L	Y	—	NQ	2016-1142	CAMO-16-115286	GELC
R-50 S2	1185.0	02/09/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.308	—	—	0.05	µg/L	Y	—	NQ	2016-713	CAMO-16-110047	GELC
R-50 S2	1185.0	11/16/17	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00885	0.00626	0.0326	—	pCi/L	Y	U	U	2018-945	CAMO-18-148082	GELC
R-50 S2	1185.0	11/09/15	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00465	0.00583	0.0215	—	pCi/L	Y	U	U	2016-302	CAMO-16-106111	GELC
R-50 S2	1185.0	11/13/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.0093	0.0623	—	pCi/L	Y	U	U	2015-318	CAMO-15-90221	GELC
R-50 S2	1185.0	11/09/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00229	0.00605	0.022	—	pCi/L	Y	U	U	2013-306	CAMO-13-24250	GELC
R-50 S2	1185.0	08/16/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00506	0.00506	0.017	—	pCi/L	Y	U	U	12-1506	CAMO-12-21738	GELC
R-50 S2	1185.0	11/16/17	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00664	0.00734	0.0467	—	pCi/L	Y	U	U	2018-945	CAMO-18-148082	GELC
R-50 S2	1185.0	11/09/15	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00336	0.0109	0.0421	—	pCi/L	Y	U	U	2016-302	CAMO-16-106111	GELC
R-50 S2	1185.0	11/13/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00465	0.00805	0.0919	—	pCi/L	Y	U	U	2015-318	CAMO-15-90221	GELC
R-50 S2	1185.0	11/09/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00458	0.00647	0.0365	—	pCi/L	Y	U	U	2013-306	CAMO-13-24250	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-50 S2	1185.0	08/16/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00253	0.00438	0.0305	—	pCi/L	Y	U	U	12-1506	CAMO-12-21738	GELC
R-50 S2	1185.0	12/14/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.24	—	—	0.05	mg/L	Y	—	NQ	2018-1290	CAMO-18-150345	GELC
R-50 S2	1185.0	11/16/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.36	—	—	0.05	mg/L	Y	—	NQ	2018-945	CAMO-18-148066	GELC
R-50 S2	1185.0	10/26/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.18	—	—	0.05	mg/L	Y	—	NQ	2018-594	CAMO-18-147643	GELC
R-50 S2	1185.0	07/28/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.31	—	—	0.05	mg/L	Y	—	NQ	2017-2179	CAMO-17-141985	GELC
R-50 S2	1185.0	05/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.29	—	—	0.05	mg/L	Y	—	NQ	2017-1566	CAMO-17-132215	GELC
R-50 S2	1185.0	02/16/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.33	—	—	0.05	mg/L	Y	—	NQ	2017-1050	CAMO-17-129302	GELC
R-50 S2	1185.0	11/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.47	—	—	0.05	mg/L	Y	—	NQ	2017-526	CAMO-17-127258	GELC
R-50 S2	1185.0	08/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.48	—	—	0.05	mg/L	Y	—	NQ	2016-1995	CAMO-16-124301	GELC
R-50 S2	1185.0	05/03/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.39	—	—	0.05	mg/L	Y	—	NQ	2016-1142	CAMO-16-115286	GELC
R-50 S2	1185.0	02/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.42	—	—	0.05	mg/L	Y	—	NQ	2016-713	CAMO-16-110047	GELC
R-50 S2	1185.0	11/16/17	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	22.2	18.4	76.8	—	pCi/L	Y	U	U	2018-945	CAMO-18-148082	GELC
R-50 S2	1185.0	11/09/15	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	11.2	20.7	80.3	—	pCi/L	Y	U	U	2016-302	CAMO-16-106111	GELC
R-50 S2	1185.0	11/13/14	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	0.223	18.5	50	—	pCi/L	Y	U	U	2015-318	CAMO-15-90221	GELC
R-50 S2	1185.0	11/09/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-9.62	14.8	56.5	—	pCi/L	Y	U	U	2013-306	CAMO-13-24250	GELC
R-50 S2	1185.0	08/16/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	0.964	19.9	75.6	—	pCi/L	Y	U	U	12-1506	CAMO-12-21738	GELC
R-50 S2	1185.0	12/14/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.6	—	—	0.053	mg/L	Y	—	NQ	2018-1290	CAMO-18-150345	GELC
R-50 S2	1185.0	11/16/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	75.1	—	—	0.053	mg/L	Y	—	NQ	2018-945	CAMO-18-148066	GELC
R-50 S2	1185.0	10/26/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	72.5	—	—	0.053	mg/L	Y	—	NQ	2018-594	CAMO-18-147643	GELC
R-50 S2	1185.0	07/28/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	72.6	—	—	0.053	mg/L	Y	—	NQ	2017-2179	CAMO-17-141985	GELC
R-50 S2	1185.0	05/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.4	—	—	0.053	mg/L	Y	—	NQ	2017-1566	CAMO-17-132215	GELC
R-50 S2	1185.0	02/16/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	75.4	—	—	0.053	mg/L	Y	—	NQ	2017-1050	CAMO-17-129302	GELC
R-50 S2	1185.0	11/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	78.9	—	—	0.053	mg/L	Y	—	NQ	2017-526	CAMO-17-127258	GELC
R-50 S2	1185.0	08/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	77.3	—	—	0.053	mg/L	Y	—	NQ	2016-1995	CAMO-16-124301	GELC
R-50 S2	1185.0	05/03/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	76.7	—	—	0.053	mg/L	Y	—	NQ	2016-1142	CAMO-16-115286	GELC
R-50 S2	1185.0	02/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	78.4	—	—	0.053	mg/L	Y	—	J+	2016-713	CAMO-16-110047	GELC
R-50 S2	1185.0	12/14/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.1	—	—	0.1	mg/L	Y	—	NQ	2018-1290	CAMO-18-150345	GELC
R-50 S2	1185.0	11/16/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.92	—	—	0.1	mg/L	Y	—	NQ	2018-945	CAMO-18-148066	GELC
R-50 S2	1185.0	10/26/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.87	—	—	0.1	mg/L	Y	—	NQ	2018-594	CAMO-18-147643	GELC
R-50 S2	1185.0	07/28/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.86	—	—	0.1	mg/L	Y	—	NQ	2017-2179	CAMO-17-141985	GELC
R-50 S2	1185.0	05/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.4	—	—	0.1	mg/L	Y	—	NQ	2017-1566	CAMO-17-132215	GELC
R-50 S2	1185.0	02/16/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.2	—	—	0.1	mg/L	Y	—	NQ	2017-1050	CAMO-17-129302	GELC
R-50 S2	1185.0	11/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11	—	—	0.1	mg/L	Y	—	NQ	2017-526	CAMO-17-127258	GELC
R-50 S2	1185.0	08/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.6	—	—	0.1	mg/L	Y	—	NQ	2016-1995	CAMO-16-124301	GELC
R-50 S2	1185.0	05/03/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.7	—	—	0.1	mg/L	Y	—	NQ	2016-1142	CAMO-16-115286	GELC
R-50 S2	1185.0	02/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.4	—	—	0.1	mg/L	Y	—	NQ	2016-713	CAMO-16-110047	GELC
R-50 S2	1185.0	11/16/17	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.908	1.22	5.22	—	pCi/L	Y	U	U	2018-945	CAMO-18-148082	GELC
R-50 S2	1185.0	11/09/15	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.59	1.3	4.03	—	pCi/L	Y	U	U	2016-302	CAMO-16-106111	GELC
R-50 S2	1185.0	11/13/14	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.37	1.3	4.54	—	pCi/L	Y	U	U	2015-318	CAMO-15-90221	GELC
R-50 S2	1185.0	11/09/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.08	1.46	5.99	—	pCi/L	Y	U	U	2013-306	CAMO-13-24250	GELC
R-50 S2	1185.0	08/16/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.591	1.52	6.08	—	pCi/L	Y	U	U	12-1506	CAMO-12-21738	GELC
R-50 S2	1185.0	12/14/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	145	—	—	1	µS/cm	Y	—	NQ	2018-1290	CAMO-18-150345	GELC
R-50 S2	1185.0	11/16/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	153	—	—	1	µS/cm	Y	—	NQ	2018-945	CAMO-18-148066	GELC
R-50 S2	1185.0	10/26/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	157	—	—	1	µS/cm	Y	—	NQ	2018-594	CAMO-18-147643	GELC
R-50 S2	1185.0	07/28/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	147	—	—	1	µS/cm	Y	—	NQ	2017-2179	CAMO-17-141985	GELC
R-50 S2	1185.0	05/18/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	128	—	—	1	µS/cm	Y	—	NQ	2017-1566	CAMO-17-132215	GELC
R-50 S2	1185.0	02/16/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	135	—	—	1	µS/cm	Y	—	NQ	2017-1050	CAMO-17-129302	GELC
R-50 S2	1185.0	11/18/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	137	—	—	1	µS/cm	Y	—	NQ	2017-526	CAMO-17-127258	GELC
R-50 S2	1185.0	08/08/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	128	—	—	3.63	µS/cm	Y	—	NQ	2016-1995	CAMO-16-124301	GELC
R-50 S2	1185.0	05/03/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	152	—	—	1	µS/cm	Y	—	NQ	2016-1142	CAMO-16-115286	GELC
R-50 S2	1185.0	02/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	150	—	—	1	µS/cm	Y	—	NQ	2016-713	CAMO-16-110047	GELC
R-50 S2	1185.0	12/14/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	49.7	—	—	1	µg/L	Y	—	NQ	2018-1290	CAMO-18-150345	GELC
R-50 S2	1185.0	11/16/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	50.8	—	—	1	µg/L	Y	—	NQ	2018-945	CAMO-18-148066	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-50 S2	1185.0	10/26/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	49.1	—	—	1	µg/L	Y	—	NQ	2018-594	CAMO-18-147643	GELC
R-50 S2	1185.0	07/28/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	49.5	—	—	1	µg/L	Y	—	NQ	2017-2179	CAMO-17-141985	GELC
R-50 S2	1185.0	05/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	50.3	—	—	1	µg/L	Y	—	NQ	2017-1566	CAMO-17-132215	GELC
R-50 S2	1185.0	02/16/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	48.9	—	—	1	µg/L	Y	—	NQ	2017-1050	CAMO-17-129302	GELC
R-50 S2	1185.0	11/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	54	—	—	1	µg/L	Y	—	NQ	2017-526	CAMO-17-127258	GELC
R-50 S2	1185.0	08/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	53	—	—	1	µg/L	Y	—	NQ	2016-1995	CAMO-16-124301	GELC
R-50 S2	1185.0	05/03/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	49	—	—	1	µg/L	Y	—	NQ	2016-1142	CAMO-16-115286	GELC
R-50 S2	1185.0	02/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	48.7	—	—	1	µg/L	Y	—	NQ	2016-713	CAMO-16-110047	GELC
R-50 S2	1185.0	11/16/17	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.268	0.0947	0.44	—	pCi/L	Y	U	U	2018-945	CAMO-18-148082	GELC
R-50 S2	1185.0	11/09/15	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0783	0.138	0.497	—	pCi/L	Y	U	U	2016-302	CAMO-16-106111	GELC
R-50 S2	1185.0	11/13/14	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0197	0.114	0.448	—	pCi/L	Y	U	U	2015-318	CAMO-15-90221	GELC
R-50 S2	1185.0	11/09/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.431	0.156	0.485	—	pCi/L	Y	U	U	2013-306	CAMO-13-24250	GELC
R-50 S2	1185.0	08/16/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.319	0.122	0.484	—	pCi/L	Y	U	U	12-1506	CAMO-12-21738	GELC
R-50 S2	1185.0	12/14/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.73	—	—	0.133	mg/L	Y	—	J+	2018-1290	CAMO-18-150345	GELC
R-50 S2	1185.0	11/16/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.58	—	—	0.133	mg/L	Y	—	NQ	2018-945	CAMO-18-148066	GELC
R-50 S2	1185.0	10/26/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.45	—	—	0.133	mg/L	Y	—	NQ	2018-594	CAMO-18-147643	GELC
R-50 S2	1185.0	07/28/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.63	—	—	0.133	mg/L	Y	—	NQ	2017-2179	CAMO-17-141985	GELC
R-50 S2	1185.0	05/18/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.75	—	—	0.133	mg/L	Y	—	NQ	2017-1566	CAMO-17-132215	GELC
R-50 S2	1185.0	02/16/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.46	—	—	0.133	mg/L	Y	—	NQ	2017-1050	CAMO-17-129302	GELC
R-50 S2	1185.0	11/18/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.56	—	—	0.133	mg/L	Y	—	NQ	2017-526	CAMO-17-127258	GELC
R-50 S2	1185.0	08/08/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.66	—	—	0.133	mg/L	Y	—	NQ	2016-1995	CAMO-16-124301	GELC
R-50 S2	1185.0	05/03/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.48	—	—	0.133	mg/L	Y	—	NQ	2016-1142	CAMO-16-115286	GELC
R-50 S2	1185.0	02/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.34	—	—	0.133	mg/L	Y	—	NQ	2016-713	CAMO-16-110047	GELC
R-50 S2	1185.0	12/14/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	2018-1290	CAMO-18-150345	GELC
R-50 S2	1185.0	12/14/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	2018-1290	CAMO-18-150353	GELC
R-50 S2	1185.0	11/16/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-945	CAMO-18-148082	GELC
R-50 S2	1185.0	11/16/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-945	CAMO-18-148066	GELC
R-50 S2	1185.0	10/26/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-594	CAMO-18-147643	GELC
R-50 S2	1185.0	10/26/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-594	CAMO-18-147658	GELC
R-50 S2	1185.0	07/28/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	2017-2179	CAMO-17-142313	GELC
R-50 S2	1185.0	07/28/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	2017-2179	CAMO-17-141985	GELC
R-50 S2	1185.0	05/18/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2017-1566	CAMO-17-132215	GELC
R-50 S2	1185.0	05/18/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2017-1566	CAMO-17-132235	GELC
R-50 S2	1185.0	11/16/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	2.84	—	—	2.5	µg/L	Y	J	J	2018-945	CAMO-18-148066	GELC
R-50 S2	1185.0	10/26/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	2018-594	CAMO-18-147643	GELC
R-50 S2	1185.0	07/28/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	2017-2179	CAMO-17-141985	GELC
R-50 S2	1185.0	05/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	2017-1566	CAMO-17-132215	GELC
R-50 S2	1185.0	02/16/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	2017-1050	CAMO-17-129302	GELC
R-50 S2	1185.0	12/14/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	139	—	—	3.4	mg/L	Y	—	NQ	2018-1290	CAMO-18-150345	GELC
R-50 S2	1185.0	11/16/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	166	—	—	3.4	mg/L	Y	—	NQ	2018-945	CAMO-18-148066	GELC
R-50 S2	1185.0	10/26/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	146	—	—	3.4	mg/L	Y	—	NQ	2018-594	CAMO-18-147643	GELC
R-50 S2	1185.0	07/28/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	160	—	—	3.4	mg/L	Y	—	NQ	2017-2179	CAMO-17-141985	GELC
R-50 S2	1185.0	05/18/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	133	—	—	3.4	mg/L	Y	—	NQ	2017-1566	CAMO-17-132215	GELC
R-50 S2	1185.0	02/16/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	121	—	—	3.4	mg/L	Y	—	NQ	2017-1050	CAMO-17-129302	GELC
R-50 S2	1185.0	11/18/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	184	—	—	3.4	mg/L	Y	—	NQ	2017-526	CAMO-17-127258	GELC
R-50 S2	1185.0	08/08/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	123	—	—	3.4	mg/L	Y	—	NQ	2016-1995	CAMO-16-124301	GELC
R-50 S2	1185.0	05/03/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	25.7	—	—	3.4	mg/L	Y	—	NQ	2016-1142	CAMO-16-115286	GELC
R-50 S2	1185.0	02/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	159	—	—	3.4	mg/L	Y	—	J	2016-713	CAMO-16-110047	GELC
R-50 S2	1185.0	05/18/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0363	—	—	0.033	mg/L	Y	J	J	2017-1566	CAMO-17-132235	GELC
R-50 S2	1185.0	02/16/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0387	—	—	0.033	mg/L	Y	J	J	2017-1050	CAMO-17-129318	GELC
R-50 S2	1185.0	11/18/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.5	—	—	0.165	mg/L	Y	U	U	2017-526	CAMO-17-127238	GELC
R-50 S2	1185.0	08/08/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2016-1995	CAMO-16-124277	GELC
R-50 S2	1185.0	05/03/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0411	—	—	0.033	mg/L	Y	J	J	2016-1142	CAMO-16-115263	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-50 S2	1185.0	02/09/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2016-713	CAMO-16-110029	GELC
R-50 S2	1185.0	12/14/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0411	—	—	0.02	mg/L	Y	J	J	2018-1290	CAMO-18-150345	GELC
R-50 S2	1185.0	11/16/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0206	—	—	0.02	mg/L	Y	J	J	2018-945	CAMO-18-148066	GELC
R-50 S2	1185.0	02/16/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.166	—	—	0.02	mg/L	Y	—	NQ	2017-1050	CAMO-17-129302	GELC
R-50 S2	1185.0	11/18/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0281	—	—	0.02	mg/L	Y	J	J	2017-526	CAMO-17-127258	GELC
R-50 S2	1185.0	08/08/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.05	—	—	0.02	mg/L	Y	U	U	2016-1995	CAMO-16-124301	GELC
R-50 S2	1185.0	05/03/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.05	—	—	0.02	mg/L	Y	U	U	2016-1142	CAMO-16-115286	GELC
R-50 S2	1185.0	02/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.05	—	—	0.017	mg/L	Y	U	U	2016-713	CAMO-16-110047	GELC
R-50 S2	1185.0	11/16/17	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.365	0.85	2.853	—	pCi/L	Y	U	U	2018-1067	CAMO-18-148082	ARSL
R-50 S2	1185.0	07/28/17	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-1.454	0.811	2.747	—	pCi/L	Y	U	U	2017-2313	CAMO-17-142313	ARSL
R-50 S2	1185.0	05/18/17	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-1.589	0.834	2.81	—	pCi/L	Y	U	U	2017-1618	CAMO-17-132235	ARSL
R-50 S2	1185.0	11/18/16	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.882	0.875	2.879	—	pCi/L	Y	U	U	2017-541	CAMO-17-127238	ARSL
R-50 S2	1185.0	05/03/16	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.199	0.586	1.812	—	pCi/L	Y	U	U	2016-1150	CAMO-16-115263	ARSL
R-50 S2	1185.0	11/09/15	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	4.393	0.949	2.025	—	pCi/L	Y	—	NQ	2016-321	CAMO-16-106111	ARSL
R-50 S2	1185.0	05/11/15	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.234	0.72	2.281	—	pCi/L	Y	U	U	2015-1205	CAMO-15-95789	ARSL
R-50 S2	1185.0	12/14/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.494	—	—	0.067	µg/L	Y	—	NQ	2018-1290	CAMO-18-150345	GELC
R-50 S2	1185.0	11/16/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.513	—	—	0.067	µg/L	Y	—	NQ	2018-945	CAMO-18-148066	GELC
R-50 S2	1185.0	10/26/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.481	—	—	0.067	µg/L	Y	—	NQ	2018-594	CAMO-18-147643	GELC
R-50 S2	1185.0	07/28/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.517	—	—	0.067	µg/L	Y	—	NQ	2017-2179	CAMO-17-141985	GELC
R-50 S2	1185.0	05/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.496	—	—	0.067	µg/L	Y	—	NQ	2017-1566	CAMO-17-132215	GELC
R-50 S2	1185.0	02/16/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.574	—	—	0.067	µg/L	Y	—	NQ	2017-1050	CAMO-17-129302	GELC
R-50 S2	1185.0	11/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.536	—	—	0.067	µg/L	Y	—	NQ	2017-526	CAMO-17-127258	GELC
R-50 S2	1185.0	08/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.517	—	—	0.067	µg/L	Y	—	J	2016-1995	CAMO-16-124301	GELC
R-50 S2	1185.0	05/03/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.553	—	—	0.067	µg/L	Y	—	NQ	2016-1142	CAMO-16-115286	GELC
R-50 S2	1185.0	02/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.496	—	—	0.067	µg/L	Y	—	NQ	2016-713	CAMO-16-110047	GELC
R-50 S2	1185.0	11/16/17	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.518	0.0488	0.192	—	pCi/L	Y	—	NQ	2018-945	CAMO-18-148082	GELC
R-50 S2	1185.0	11/09/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.407	0.0359	0.0929	—	pCi/L	Y	—	NQ	2016-302	CAMO-16-106111	GELC
R-50 S2	1185.0	11/13/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.385	0.035	0.0562	—	pCi/L	Y	—	NQ	2015-318	CAMO-15-90221	GELC
R-50 S2	1185.0	11/09/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.328	0.031	0.0614	—	pCi/L	Y	—	NQ	2013-306	CAMO-13-24250	GELC
R-50 S2	1185.0	08/16/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.446	0.0373	0.0722	—	pCi/L	Y	—	J	12-1506	CAMO-12-21738	GELC
R-50 S2	1185.0	11/16/17	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0708	0.0216	0.0843	—	pCi/L	Y	U	U	2018-945	CAMO-18-148082	GELC
R-50 S2	1185.0	11/09/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0211	0.0122	0.0811	—	pCi/L	Y	U	U	2016-302	CAMO-16-106111	GELC
R-50 S2	1185.0	11/13/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0238	0.014	0.049	—	pCi/L	Y	U	U	2015-318	CAMO-15-90221	GELC
R-50 S2	1185.0	11/09/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0294	0.0109	0.0383	—	pCi/L	Y	U	U	2013-306	CAMO-13-24250	GELC
R-50 S2	1185.0	08/16/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0267	0.0106	0.0466	—	pCi/L	Y	U	U	12-1506	CAMO-12-21738	GELC
R-50 S2	1185.0	11/16/17	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.172	0.031	0.113	—	pCi/L	Y	—	NQ	2018-945	CAMO-18-148082	GELC
R-50 S2	1185.0	11/09/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.191	0.0246	0.0918	—	pCi/L	Y	—	NQ	2016-302	CAMO-16-106111	GELC
R-50 S2	1185.0	11/13/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.143	0.0213	0.0539	—	pCi/L	Y	—	NQ	2015-318	CAMO-15-90221	GELC
R-50 S2	1185.0	11/09/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.188	0.0238	0.0417	—	pCi/L	Y	—	NQ	2013-306	CAMO-13-24250	GELC
R-50 S2	1185.0	08/16/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.203	0.0237	0.0366	—	pCi/L	Y	—	J	12-1506	CAMO-12-21738	GELC
R-50 S2	1185.0	12/14/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.1	—	—	1	µg/L	Y	—	NQ	2018-1290	CAMO-18-150345	GELC
R-50 S2	1185.0	11/16/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.74	—	—	1	µg/L	Y	—	NQ	2018-945	CAMO-18-148066	GELC
R-50 S2	1185.0	10/26/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.33	—	—	1	µg/L	Y	—	NQ	2018-594	CAMO-18-147643	GELC
R-50 S2	1185.0	07/28/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.48	—	—	1	µg/L	Y	—	NQ	2017-2179	CAMO-17-141985	GELC
R-50 S2	1185.0	05/18/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.88	—	—	1	µg/L	Y	—	NQ	2017-1566	CAMO-17-132215	GELC
R-50 S2	1185.0	02/16/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.04	—	—	1	µg/L	Y	—	NQ	2017-1050	CAMO-17-129302	GELC
R-50 S2	1185.0	11/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	8.04	—	—	1	µg/L	Y	—	NQ	2017-526	CAMO-17-127258	GELC
R-50 S2	1185.0	08/08/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.14	—	—	1	µg/L	Y	—	NQ	2016-1995	CAMO-16-124301	GELC
R-50 S2	1185.0	05/03/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.92	—	—	1	µg/L	Y	—	NQ	2016-1142	CAMO-16-115286	GELC
R-50 S2	1185.0	02/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.54	—	—	1	µg/L	Y	—	NQ	2016-713	CAMO-16-110047	GELC
R-61 S1	1125.0	12/19/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.63	—	—	0.01	SU	Y	H	NQ	2018-1331	CAMO-18-150346	GELC
R-61 S1	1125.0	11/17/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.71	—	—	0.01	SU	Y	H	NQ	2018-1001	CAMO-18-148067	GELC
R-61 S1	1125.0	10/31/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.71	—	—	0.01	SU	Y	H	NQ	2018-656	CAMO-18-147647	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-61 S1	1125.0	05/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.58	—	—	0.01	SU	Y	H	NQ	2015-1213	CAMO-15-95813	GELC
R-61 S1	1125.0	03/02/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.65	—	—	0.01	SU	Y	H	NQ	2015-848	CAMO-15-92507	GELC
R-61 S1	1125.0	11/19/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.66	—	—	0.01	SU	Y	H	NQ	2015-391	CAMO-15-90239	GELC
R-61 S1	1125.0	07/23/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.8	—	—	0.01	SU	Y	H	NQ	2014-4004	CAMO-14-84016	GELC
R-61 S1	1125.0	12/19/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	60.4	—	—	1.45	mg/L	Y	—	NQ	2018-1331	CAMO-18-150346	GELC
R-61 S1	1125.0	11/17/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	56.9	—	—	1.45	mg/L	Y	—	NQ	2018-1001	CAMO-18-148067	GELC
R-61 S1	1125.0	10/31/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	57.5	—	—	1.45	mg/L	Y	—	NQ	2018-656	CAMO-18-147647	GELC
R-61 S1	1125.0	05/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	51.3	—	—	0.725	mg/L	Y	—	NQ	2015-1213	CAMO-15-95813	GELC
R-61 S1	1125.0	03/02/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	50.5	—	—	0.725	mg/L	Y	—	NQ	2015-848	CAMO-15-92507	GELC
R-61 S1	1125.0	11/19/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	51.6	—	—	0.725	mg/L	Y	—	NQ	2015-391	CAMO-15-90239	GELC
R-61 S1	1125.0	07/23/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	45.5	—	—	0.725	mg/L	Y	—	NQ	2014-4004	CAMO-14-84016	GELC
R-61 S1	1125.0	12/19/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0799	—	—	0.017	mg/L	Y	—	NQ	2018-1331	CAMO-18-150346	GELC
R-61 S1	1125.0	10/31/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0474	—	—	0.017	mg/L	Y	J	J	2018-656	CAMO-18-147647	GELC
R-61 S1	1125.0	05/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.11	—	—	0.017	mg/L	Y	—	U	2015-1213	CAMO-15-95813	GELC
R-61 S1	1125.0	03/02/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.1	—	—	0.017	mg/L	Y	—	U	2015-848	CAMO-15-92507	GELC
R-61 S1	1125.0	11/19/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0404	—	—	0.017	mg/L	Y	J	U	2015-391	CAMO-15-90239	GELC
R-61 S1	1125.0	07/23/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.017	mg/L	Y	U	U	2014-4004	CAMO-14-84016	GELC
R-61 S1	1125.0	11/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.78	—	—	2	µg/L	Y	J	J	2018-1001	CAMO-18-148067	GELC
R-61 S1	1125.0	10/31/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	2018-656	CAMO-18-147647	GELC
R-61 S1	1125.0	05/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2015-1213	CAMO-15-95813	GELC
R-61 S1	1125.0	03/02/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2015-848	CAMO-15-92507	GELC
R-61 S1	1125.0	11/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2015-391	CAMO-15-90239	GELC
R-61 S1	1125.0	12/19/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	18.4	—	—	1	µg/L	Y	—	NQ	2018-1331	CAMO-18-150346	GELC
R-61 S1	1125.0	11/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	17.7	—	—	1	µg/L	Y	—	NQ	2018-1001	CAMO-18-148067	GELC
R-61 S1	1125.0	10/31/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	17.9	—	—	1	µg/L	Y	—	NQ	2018-656	CAMO-18-147647	GELC
R-61 S1	1125.0	05/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	15.5	—	—	1	µg/L	Y	—	NQ	2015-1213	CAMO-15-95813	GELC
R-61 S1	1125.0	03/02/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	14.8	—	—	1	µg/L	Y	—	NQ	2015-848	CAMO-15-92507	GELC
R-61 S1	1125.0	11/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	16	—	—	1	µg/L	Y	—	NQ	2015-391	CAMO-15-90239	GELC
R-61 S1	1125.0	07/23/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	15.1	—	—	1	µg/L	Y	—	NQ	2014-4004	CAMO-14-84016	GELC
R-61 S1	1125.0	12/19/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.2	—	—	0.05	mg/L	Y	—	NQ	2018-1331	CAMO-18-150346	GELC
R-61 S1	1125.0	11/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.4	—	—	0.05	mg/L	Y	—	NQ	2018-1001	CAMO-18-148067	GELC
R-61 S1	1125.0	10/31/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.6	—	—	0.05	mg/L	Y	—	NQ	2018-656	CAMO-18-147647	GELC
R-61 S1	1125.0	05/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.2	—	—	0.05	mg/L	Y	—	NQ	2015-1213	CAMO-15-95813	GELC
R-61 S1	1125.0	03/02/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.7	—	—	0.05	mg/L	Y	—	NQ	2015-848	CAMO-15-92507	GELC
R-61 S1	1125.0	11/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11	—	—	0.05	mg/L	Y	—	NQ	2015-391	CAMO-15-90239	GELC
R-61 S1	1125.0	07/23/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.7	—	—	0.05	mg/L	Y	—	NQ	2014-4004	CAMO-14-84016	GELC
R-61 S1	1125.0	12/19/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.41	—	—	0.067	mg/L	Y	—	J+	2018-1331	CAMO-18-150346	GELC
R-61 S1	1125.0	11/17/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.94	—	—	0.067	mg/L	Y	—	NQ	2018-1001	CAMO-18-148067	GELC
R-61 S1	1125.0	10/31/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.2	—	—	0.067	mg/L	Y	—	NQ	2018-656	CAMO-18-147647	GELC
R-61 S1	1125.0	05/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.1	—	—	0.067	mg/L	Y	—	NQ	2015-1213	CAMO-15-95813	GELC
R-61 S1	1125.0	03/02/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.94	—	—	0.067	mg/L	Y	—	NQ	2015-848	CAMO-15-92507	GELC
R-61 S1	1125.0	11/19/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.13	—	—	0.067	mg/L	Y	—	NQ	2015-391	CAMO-15-90239	GELC
R-61 S1	1125.0	07/23/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.1	—	—	0.067	mg/L	Y	—	NQ	2014-4004	CAMO-14-84016	GELC
R-61 S1	1125.0	12/19/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	16.7	—	—	3	µg/L	Y	—	NQ	2018-1331	CAMO-18-150346	GELC
R-61 S1	1125.0	11/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	21.6	—	—	3	µg/L	Y	—	NQ	2018-1001	CAMO-18-148067	GELC
R-61 S1	1125.0	10/31/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	20.7	—	—	3	µg/L	Y	—	NQ	2018-656	CAMO-18-147647	GELC
R-61 S1	1125.0	05/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	20.6	—	—	2	µg/L	Y	—	NQ	2015-1213	CAMO-15-95813	GELC
R-61 S1	1125.0	03/02/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	22	—	—	2	µg/L	Y	—	NQ	2015-848	CAMO-15-92507	GELC
R-61 S1	1125.0	11/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	19.8	—	—	2	µg/L	Y	—	NQ	2015-391	CAMO-15-90239	GELC
R-61 S1	1125.0	07/23/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	23.3	—	—	2	µg/L	Y	—	NQ	2014-4004	CAMO-14-84016	GELC
R-61 S1	1125.0	12/19/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.243	—	—	0.033	mg/L	Y	—	NQ	2018-1331	CAMO-18-150346	GELC
R-61 S1	1125.0	11/17/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.249	—	—	0.033	mg/L	Y	—	NQ	2018-1001	CAMO-18-148067	GELC
R-61 S1	1125.0	10/31/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.272	—	—	0.033	mg/L	Y	—	NQ	2018-656	CAMO-18-147647	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-61 S1	1125.0	05/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.307	—	—	0.033	mg/L	Y	—	NQ	2015-1213	CAMO-15-95813	GELC
R-61 S1	1125.0	03/02/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.341	—	—	0.033	mg/L	Y	—	NQ	2015-848	CAMO-15-92507	GELC
R-61 S1	1125.0	11/19/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.357	—	—	0.033	mg/L	Y	—	NQ	2015-391	CAMO-15-90239	GELC
R-61 S1	1125.0	07/23/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.276	—	—	0.033	mg/L	Y	—	NQ	2014-4004	CAMO-14-84016	GELC
R-61 S1	1125.0	12/19/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	45.9	—	—	0.453	mg/L	Y	—	NQ	2018-1331	CAMO-18-150346	GELC
R-61 S1	1125.0	11/17/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	42.8	—	—	0.453	mg/L	Y	—	NQ	2018-1001	CAMO-18-148067	GELC
R-61 S1	1125.0	10/31/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	47.3	—	—	0.453	mg/L	Y	—	NQ	2018-656	CAMO-18-147647	GELC
R-61 S1	1125.0	05/14/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	43.6	—	—	0.453	mg/L	Y	—	NQ	2015-1213	CAMO-15-95813	GELC
R-61 S1	1125.0	03/02/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	42	—	—	0.453	mg/L	Y	—	NQ	2015-848	CAMO-15-92507	GELC
R-61 S1	1125.0	11/19/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	42.7	—	—	0.453	mg/L	Y	—	NQ	2015-391	CAMO-15-90239	GELC
R-61 S1	1125.0	07/23/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	42.3	—	—	0.453	mg/L	Y	—	NQ	2014-4004	CAMO-14-84016	GELC
R-61 S1	1125.0	12/19/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.75	—	—	0.11	mg/L	Y	—	NQ	2018-1331	CAMO-18-150346	GELC
R-61 S1	1125.0	11/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.48	—	—	0.11	mg/L	Y	—	NQ	2018-1001	CAMO-18-148067	GELC
R-61 S1	1125.0	10/31/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.85	—	—	0.11	mg/L	Y	—	NQ	2018-656	CAMO-18-147647	GELC
R-61 S1	1125.0	05/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.79	—	—	0.11	mg/L	Y	—	NQ	2015-1213	CAMO-15-95813	GELC
R-61 S1	1125.0	03/02/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.72	—	—	0.11	mg/L	Y	—	NQ	2015-848	CAMO-15-92507	GELC
R-61 S1	1125.0	11/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.7	—	—	0.11	mg/L	Y	—	NQ	2015-391	CAMO-15-90239	GELC
R-61 S1	1125.0	07/23/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.75	—	—	0.11	mg/L	Y	—	NQ	2014-4004	CAMO-14-84016	GELC
R-61 S1	1125.0	12/19/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.48	—	—	0.2	µg/L	Y	—	NQ	2018-1331	CAMO-18-150346	GELC
R-61 S1	1125.0	11/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.33	—	—	0.2	µg/L	Y	—	NQ	2018-1001	CAMO-18-148067	GELC
R-61 S1	1125.0	10/31/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.34	—	—	0.2	µg/L	Y	—	NQ	2018-656	CAMO-18-147647	GELC
R-61 S1	1125.0	05/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.29	—	—	0.165	µg/L	Y	—	NQ	2015-1213	CAMO-15-95813	GELC
R-61 S1	1125.0	03/02/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.24	—	—	0.165	µg/L	Y	—	NQ	2015-848	CAMO-15-92507	GELC
R-61 S1	1125.0	11/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.3	—	—	0.165	µg/L	Y	—	NQ	2015-391	CAMO-15-90239	GELC
R-61 S1	1125.0	07/23/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.47	—	—	0.165	µg/L	Y	—	NQ	2014-4004	CAMO-14-84016	GELC
R-61 S1	1125.0	12/19/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.93	—	—	0.085	mg/L	Y	—	NQ	2018-1331	CAMO-18-150346	GELC
R-61 S1	1125.0	11/17/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.97	—	—	0.085	mg/L	Y	—	NQ	2018-1001	CAMO-18-148067	GELC
R-61 S1	1125.0	10/31/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.9	—	—	0.085	mg/L	Y	—	NQ	2018-656	CAMO-18-147647	GELC
R-61 S1	1125.0	05/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.19	—	—	0.085	mg/L	Y	—	NQ	2015-1213	CAMO-15-95813	GELC
R-61 S1	1125.0	03/02/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.05	—	—	0.085	mg/L	Y	—	NQ	2015-848	CAMO-15-92507	GELC
R-61 S1	1125.0	11/19/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.12	—	—	0.085	mg/L	Y	—	NQ	2015-391	CAMO-15-90239	GELC
R-61 S1	1125.0	07/23/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.94	—	—	0.085	mg/L	Y	—	NQ	2014-4004	CAMO-14-84016	GELC
R-61 S1	1125.0	12/19/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	12.1	—	—	0.5	µg/L	Y	—	NQ	2018-1331	CAMO-18-150346	GELC
R-61 S1	1125.0	11/17/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	11.9	—	—	0.5	µg/L	Y	—	J	2018-1001	CAMO-18-148067	GELC
R-61 S1	1125.0	10/31/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	10.7	—	—	0.5	µg/L	Y	—	NQ	2018-656	CAMO-18-147647	GELC
R-61 S1	1125.0	05/14/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	8.84	—	—	0.5	µg/L	Y	—	NQ	2015-1213	CAMO-15-95813	GELC
R-61 S1	1125.0	03/02/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	9.01	—	—	1	µg/L	Y	—	NQ	2015-848	CAMO-15-92507	GELC
R-61 S1	1125.0	11/19/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	8.78	—	—	1	µg/L	Y	—	NQ	2015-391	CAMO-15-90239	GELC
R-61 S1	1125.0	07/23/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	8.47	—	—	1	µg/L	Y	—	NQ	2014-4004	CAMO-14-84016	GELC
R-61 S1	1125.0	12/19/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.19	—	—	0.05	mg/L	Y	—	NQ	2018-1331	CAMO-18-150346	GELC
R-61 S1	1125.0	11/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.84	—	—	0.05	mg/L	Y	E	NQ	2018-1001	CAMO-18-148067	GELC
R-61 S1	1125.0	10/31/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.8	—	—	0.05	mg/L	Y	—	NQ	2018-656	CAMO-18-147647	GELC
R-61 S1	1125.0	05/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	4.52	—	—	0.05	mg/L	Y	—	NQ	2015-1213	CAMO-15-95813	GELC
R-61 S1	1125.0	03/02/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	5.3	—	—	0.05	mg/L	Y	—	NQ	2015-848	CAMO-15-92507	GELC
R-61 S1	1125.0	11/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	5.86	—	—	0.05	mg/L	Y	—	NQ	2015-391	CAMO-15-90239	GELC
R-61 S1	1125.0	07/23/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	7.11	—	—	0.05	mg/L	Y	—	NQ	2014-4004	CAMO-14-84016	GELC
R-61 S1	1125.0	12/19/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.7	—	—	0.053	mg/L	Y	—	NQ	2018-1331	CAMO-18-150346	GELC
R-61 S1	1125.0	11/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	63.3	—	—	0.053	mg/L	Y	—	NQ	2018-1001	CAMO-18-148067	GELC
R-61 S1	1125.0	10/31/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	64.7	—	—	0.053	mg/L	Y	—	NQ	2018-656	CAMO-18-147647	GELC
R-61 S1	1125.0	05/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.9	—	—	0.053	mg/L	Y	—	NQ	2015-1213	CAMO-15-95813	GELC
R-61 S1	1125.0	03/02/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.9	—	—	0.053	mg/L	Y	—	NQ	2015-848	CAMO-15-92507	GELC
R-61 S1	1125.0	11/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.5	—	—	0.053	mg/L	Y	—	NQ	2015-391	CAMO-15-90239	GELC
R-61 S1	1125.0	07/23/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	75.4	—	—	0.053	mg/L	Y	—	NQ	2014-4004	CAMO-14-84016	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-61 S1	1125.0	12/19/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.4	—	—	0.1	mg/L	Y	—	NQ	2018-1331	CAMO-18-150346	GELC
R-61 S1	1125.0	11/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.54	—	—	0.1	mg/L	Y	—	NQ	2018-1001	CAMO-18-148067	GELC
R-61 S1	1125.0	10/31/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.99	—	—	0.1	mg/L	Y	E	NQ	2018-656	CAMO-18-147647	GELC
R-61 S1	1125.0	05/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.2	—	—	0.1	mg/L	Y	—	NQ	2015-1213	CAMO-15-95813	GELC
R-61 S1	1125.0	03/02/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.5	—	—	0.1	mg/L	Y	—	NQ	2015-848	CAMO-15-92507	GELC
R-61 S1	1125.0	11/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.1	—	—	0.1	mg/L	Y	—	NQ	2015-391	CAMO-15-90239	GELC
R-61 S1	1125.0	07/23/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.9	—	—	0.1	mg/L	Y	—	NQ	2014-4004	CAMO-14-84016	GELC
R-61 S1	1125.0	12/19/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	153	—	—	1	µS/cm	Y	—	NQ	2018-1331	CAMO-18-150346	GELC
R-61 S1	1125.0	11/17/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	165	—	—	1	µS/cm	Y	—	NQ	2018-1001	CAMO-18-148067	GELC
R-61 S1	1125.0	10/31/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	177	—	—	1	µS/cm	Y	—	NQ	2018-656	CAMO-18-147647	GELC
R-61 S1	1125.0	05/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	138	—	—	3.63	µS/cm	Y	—	NQ	2015-1213	CAMO-15-95813	GELC
R-61 S1	1125.0	03/02/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	137	—	—	3.63	µS/cm	Y	—	NQ	2015-848	CAMO-15-92507	GELC
R-61 S1	1125.0	11/19/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	137	—	—	3.63	µS/cm	Y	—	NQ	2015-391	CAMO-15-90239	GELC
R-61 S1	1125.0	07/23/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	145	—	—	1	µS/cm	Y	—	NQ	2014-4004	CAMO-14-84016	GELC
R-61 S1	1125.0	12/19/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	54.2	—	—	1	µg/L	Y	—	NQ	2018-1331	CAMO-18-150346	GELC
R-61 S1	1125.0	11/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	52.8	—	—	1	µg/L	Y	—	NQ	2018-1001	CAMO-18-148067	GELC
R-61 S1	1125.0	10/31/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	52.9	—	—	1	µg/L	Y	E	NQ	2018-656	CAMO-18-147647	GELC
R-61 S1	1125.0	05/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	45.9	—	—	1	µg/L	Y	—	NQ	2015-1213	CAMO-15-95813	GELC
R-61 S1	1125.0	03/02/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	52	—	—	1	µg/L	Y	—	NQ	2015-848	CAMO-15-92507	GELC
R-61 S1	1125.0	11/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	46.8	—	—	1	µg/L	Y	—	NQ	2015-391	CAMO-15-90239	GELC
R-61 S1	1125.0	07/23/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	45.8	—	—	1	µg/L	Y	—	NQ	2014-4004	CAMO-14-84016	GELC
R-61 S1	1125.0	12/19/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.13	—	—	0.133	mg/L	Y	—	NQ	2018-1331	CAMO-18-150346	GELC
R-61 S1	1125.0	11/17/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.39	—	—	0.133	mg/L	Y	—	NQ	2018-1001	CAMO-18-148067	GELC
R-61 S1	1125.0	10/31/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.52	—	—	0.133	mg/L	Y	—	NQ	2018-656	CAMO-18-147647	GELC
R-61 S1	1125.0	05/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.41	—	—	0.133	mg/L	Y	—	NQ	2015-1213	CAMO-15-95813	GELC
R-61 S1	1125.0	03/02/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.14	—	—	0.133	mg/L	Y	—	NQ	2015-848	CAMO-15-92507	GELC
R-61 S1	1125.0	11/19/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.52	—	—	0.133	mg/L	Y	—	NQ	2015-391	CAMO-15-90239	GELC
R-61 S1	1125.0	07/23/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.3	—	—	0.133	mg/L	Y	—	NQ	2014-4004	CAMO-14-84016	GELC
R-61 S1	1125.0	12/19/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-1331	CAMO-18-150346	GELC
R-61 S1	1125.0	12/19/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-1331	CAMO-18-150354	GELC
R-61 S1	1125.0	11/17/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-1001	CAMO-18-148083	GELC
R-61 S1	1125.0	11/17/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-1001	CAMO-18-148067	GELC
R-61 S1	1125.0	10/31/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	2018-656	CAMO-18-147647	GELC
R-61 S1	1125.0	10/31/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	2018-656	CAMO-18-147662	GELC
R-61 S1	1125.0	12/19/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	169	—	—	3.4	mg/L	Y	—	NQ	2018-1331	CAMO-18-150346	GELC
R-61 S1	1125.0	11/17/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	131	—	—	3.4	mg/L	Y	—	NQ	2018-1001	CAMO-18-148067	GELC
R-61 S1	1125.0	10/31/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	130	—	—	3.4	mg/L	Y	—	NQ	2018-656	CAMO-18-147647	GELC
R-61 S1	1125.0	05/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	143	—	—	3.4	mg/L	Y	—	NQ	2015-1213	CAMO-15-95813	GELC
R-61 S1	1125.0	03/02/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	94.3	—	—	3.4	mg/L	Y	—	NQ	2015-848	CAMO-15-92507	GELC
R-61 S1	1125.0	11/19/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	119	—	—	3.4	mg/L	Y	—	NQ	2015-391	CAMO-15-90239	GELC
R-61 S1	1125.0	07/23/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	131	—	—	3.4	mg/L	Y	—	NQ	2014-4004	CAMO-14-84016	GELC
R-61 S1	1125.0	11/17/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.228	—	—	0.033	mg/L	Y	—	NQ	2018-1001	CAMO-18-148083	GELC
R-61 S1	1125.0	10/31/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0564	—	—	0.033	mg/L	Y	J	U	2018-656	CAMO-18-147662	GELC
R-61 S1	1125.0	05/14/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2015-1213	CAMO-15-95791	GELC
R-61 S1	1125.0	03/02/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2015-848	CAMO-15-92491	GELC
R-61 S1	1125.0	11/19/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2015-391	CAMO-15-90222	GELC
R-61 S1	1125.0	12/19/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.03	—	—	0.33	mg/L	Y	—	NQ	2018-1331	CAMO-18-150354	GELC
R-61 S1	1125.0	11/17/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.397	—	—	0.33	mg/L	Y	J	J	2018-1001	CAMO-18-148083	GELC
R-61 S1	1125.0	10/31/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.379	—	—	0.33	mg/L	Y	J	J	2018-656	CAMO-18-147662	GELC
R-61 S1	1125.0	05/14/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.34	—	—	0.33	mg/L	Y	J	J	2015-1213	CAMO-15-95791	GELC
R-61 S1	1125.0	03/02/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.593	—	—	0.33	mg/L	Y	J	J	2015-848	CAMO-15-92491	GELC
R-61 S1	1125.0	11/19/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.558	—	—	0.33	mg/L	Y	J	J-	2015-391	CAMO-15-90222	GELC
R-61 S1	1125.0	07/23/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.42	—	—	0.33	mg/L	Y	J	J	2014-4004	CAMO-14-84005	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-61 S1	1125.0	12/19/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	1.28	—	—	0.02	mg/L	Y	—	NQ	2018-1331	CAMO-18-150346	GELC
R-61 S1	1125.0	11/17/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.614	—	—	0.02	mg/L	Y	—	NQ	2018-1001	CAMO-18-148067	GELC
R-61 S1	1125.0	10/31/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.581	—	—	0.02	mg/L	Y	—	J+	2018-656	CAMO-18-147647	GELC
R-61 S1	1125.0	05/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	1.03	—	—	0.017	mg/L	Y	—	J	2015-1213	CAMO-15-95813	GELC
R-61 S1	1125.0	03/02/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	1.2	—	—	0.017	mg/L	Y	—	NQ	2015-848	CAMO-15-92507	GELC
R-61 S1	1125.0	11/19/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	1.53	—	—	0.017	mg/L	Y	—	J	2015-391	CAMO-15-90239	GELC
R-61 S1	1125.0	07/23/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	1.75	—	—	0.017	mg/L	Y	—	NQ	2014-4004	CAMO-14-84016	GELC
R-61 S1	1125.0	12/19/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.246	—	—	0.067	µg/L	Y	—	NQ	2018-1331	CAMO-18-150346	GELC
R-61 S1	1125.0	11/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.259	—	—	0.067	µg/L	Y	—	NQ	2018-1001	CAMO-18-148067	GELC
R-61 S1	1125.0	10/31/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.272	—	—	0.067	µg/L	Y	—	NQ	2018-656	CAMO-18-147647	GELC
R-61 S1	1125.0	05/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.168	—	—	0.067	µg/L	Y	J	J	2015-1213	CAMO-15-95813	GELC
R-61 S1	1125.0	03/02/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.173	—	—	0.067	µg/L	Y	J	J	2015-848	CAMO-15-92507	GELC
R-61 S1	1125.0	11/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.185	—	—	0.067	µg/L	Y	J	J	2015-391	CAMO-15-90239	GELC
R-61 S1	1125.0	07/23/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.154	—	—	0.067	µg/L	Y	J	J	2014-4004	CAMO-14-84016	GELC
R-61 S1	1125.0	12/19/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.95	—	—	1	µg/L	Y	J	J	2018-1331	CAMO-18-150346	GELC
R-61 S1	1125.0	11/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.77	—	—	1	µg/L	Y	J	J	2018-1001	CAMO-18-148067	GELC
R-61 S1	1125.0	10/31/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.66	—	—	1	µg/L	Y	J	J	2018-656	CAMO-18-147647	GELC
R-61 S1	1125.0	05/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.15	—	—	1	µg/L	Y	—	NQ	2015-1213	CAMO-15-95813	GELC
R-61 S1	1125.0	03/02/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.52	—	—	1	µg/L	Y	—	NQ	2015-848	CAMO-15-92507	GELC
R-61 S1	1125.0	11/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.26	—	—	1	µg/L	Y	—	NQ	2015-391	CAMO-15-90239	GELC
R-61 S1	1125.0	07/23/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.02	—	—	1	µg/L	Y	—	NQ	2014-4004	CAMO-14-84016	GELC
R-62	1158.4	11/17/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.46	—	—	0.01	SU	Y	H	NQ	2018-1001	CAMO-18-148068	GELC
R-62	1158.4	08/04/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.52	—	—	0.01	SU	Y	H	NQ	2017-2359	CAMO-17-141986	GELC
R-62	1158.4	05/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.6	—	—	0.01	SU	Y	H	NQ	2017-1496	CAMO-17-132524	GELC
R-62	1158.4	02/21/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.58	—	—	0.01	SU	Y	H	NQ	2017-1058	CAMO-17-129303	GELC
R-62	1158.4	11/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.65	—	—	0.01	SU	Y	H	NQ	2017-501	CAMO-17-127260	GELC
R-62	1158.4	08/05/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.65	—	—	0.01	SU	Y	H	NQ	2016-1934	CAMO-16-124303	GELC
R-62	1158.4	05/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.27	—	—	0.01	SU	Y	H	NQ	2016-1165	CAMO-16-115289	GELC
R-62	1158.4	02/19/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.5	—	—	0.01	SU	Y	H	NQ	2016-783	CAMO-16-110049	GELC
R-62	1158.4	11/17/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	2.42	—	—	1.45	mg/L	Y	J	J	2018-1001	CAMO-18-148068	GELC
R-62	1158.4	08/04/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	3.63	—	—	1.45	mg/L	Y	J	J	2017-2359	CAMO-17-141986	GELC
R-62	1158.4	05/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	3.2	—	—	1.45	mg/L	Y	J	J	2017-1496	CAMO-17-132524	GELC
R-62	1158.4	02/21/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	4	—	—	1.45	mg/L	Y	—	NQ	2017-1058	CAMO-17-129303	GELC
R-62	1158.4	11/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	6.05	—	—	1.45	mg/L	Y	—	NQ	2017-501	CAMO-17-127260	GELC
R-62	1158.4	08/05/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	2	—	—	0.725	mg/L	Y	U	U	2016-1934	CAMO-16-124303	GELC
R-62	1158.4	05/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1	—	—	0.725	mg/L	Y	U	U	2016-1165	CAMO-16-115289	GELC
R-62	1158.4	02/19/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	3.23	—	—	0.725	mg/L	Y	—	NQ	2016-783	CAMO-16-110049	GELC
R-62	1158.4	11/17/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66.1	—	—	1.45	mg/L	Y	—	NQ	2018-1001	CAMO-18-148068	GELC
R-62	1158.4	08/04/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66.8	—	—	1.45	mg/L	Y	—	NQ	2017-2359	CAMO-17-141986	GELC
R-62	1158.4	05/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.6	—	—	1.45	mg/L	Y	—	NQ	2017-1496	CAMO-17-132524	GELC
R-62	1158.4	02/21/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	70	—	—	1.45	mg/L	Y	—	NQ	2017-1058	CAMO-17-129303	GELC
R-62	1158.4	11/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.6	—	—	1.45	mg/L	Y	—	NQ	2017-501	CAMO-17-127260	GELC
R-62	1158.4	08/05/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.8	—	—	0.725	mg/L	Y	—	NQ	2016-1934	CAMO-16-124303	GELC
R-62	1158.4	05/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65	—	—	0.725	mg/L	Y	—	NQ	2016-1165	CAMO-16-115289	GELC
R-62	1158.4	02/19/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65	—	—	0.725	mg/L	Y	—	NQ	2016-783	CAMO-16-110049	GELC
R-62	1158.4	11/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	Y	355	—	—	68	µg/L	Y	—	NQ	2018-1001	CAMO-18-148068	GELC
R-62	1158.4	08/04/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68	—	—	68	µg/L	Y	U	U	2017-2359	CAMO-17-141986	GELC
R-62	1158.4	05/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	2017-1496	CAMO-17-132524	GELC
R-62	1158.4	02/21/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	2017-1058	CAMO-17-129303	GELC
R-62	1158.4	11/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	2017-501	CAMO-17-127260	GELC
R-62	1158.4	11/17/17	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00206	0.00744	0.0367	—	pCi/L	Y	U	U	2018-1001	CAMO-18-148084	GELC
R-62	1158.4	11/19/15	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00000000181	0.0075	0.0292	—	pCi/L	Y	U	U	2016-383	CAMO-16-106114	GELC
R-62	1158.4	05/12/15	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00977	0.00598	0.0451	—	pCi/L	Y	U	U	2015-1191	CAMO-15-95759	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-62	1158.4	05/12/15	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00264	0.00458	0.0488	—	pCi/L	Y	U	U	2015-1191	CAMO-15-95792	GELC
R-62	1158.4	11/17/14	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00298	0.00894	0.0622	—	pCi/L	Y	U	U	2015-355	CAMO-15-90223	GELC
R-62	1158.4	06/26/14	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00959	0.0117	0.0909	—	pCi/L	Y	U	U	2014-3641	CAMO-14-83983	GELC
R-62	1158.4	08/04/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.56	—	—	0.085	mg/L	Y	H	J+	2017-2359	CAMO-17-141986	GELC
R-62	1158.4	05/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0497	—	—	0.017	mg/L	Y	J	U	2017-1496	CAMO-17-132524	GELC
R-62	1158.4	02/21/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.017	mg/L	Y	U	U	2017-1058	CAMO-17-129303	GELC
R-62	1158.4	11/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0349	—	—	0.017	mg/L	Y	J	U	2017-501	CAMO-17-127260	GELC
R-62	1158.4	08/05/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.124	—	—	0.017	mg/L	Y	—	NQ	2016-1934	CAMO-16-124303	GELC
R-62	1158.4	11/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.49	—	—	2	µg/L	Y	J	J	2018-1001	CAMO-18-148068	GELC
R-62	1158.4	08/04/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	2017-2359	CAMO-17-141986	GELC
R-62	1158.4	05/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	2.07	—	—	2	µg/L	Y	J	U	2017-1496	CAMO-17-132524	GELC
R-62	1158.4	02/21/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2017-1058	CAMO-17-129303	GELC
R-62	1158.4	11/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2017-501	CAMO-17-127260	GELC
R-62	1158.4	11/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	8.26	—	—	1	µg/L	Y	—	NQ	2018-1001	CAMO-18-148068	GELC
R-62	1158.4	08/04/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	33.1	—	—	1	µg/L	Y	—	NQ	2017-2359	CAMO-17-141986	GELC
R-62	1158.4	05/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	36.6	—	—	1	µg/L	Y	—	NQ	2017-1496	CAMO-17-132524	GELC
R-62	1158.4	02/21/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	32.9	—	—	1	µg/L	Y	—	NQ	2017-1058	CAMO-17-129303	GELC
R-62	1158.4	11/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	30.6	—	—	1	µg/L	Y	—	NQ	2017-501	CAMO-17-127260	GELC
R-62	1158.4	08/05/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	31.7	—	—	1	µg/L	Y	—	NQ	2016-1934	CAMO-16-124303	GELC
R-62	1158.4	05/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	31.3	—	—	1	µg/L	Y	—	NQ	2016-1165	CAMO-16-115289	GELC
R-62	1158.4	02/19/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	32.8	—	—	1	µg/L	Y	—	NQ	2016-783	CAMO-16-110049	GELC
R-62	1158.4	11/17/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.128	—	—	0.067	mg/L	Y	J	J	2018-1001	CAMO-18-148068	GELC
R-62	1158.4	08/04/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.117	—	—	0.067	mg/L	Y	J	J	2017-2359	CAMO-17-141986	GELC
R-62	1158.4	05/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.124	—	—	0.067	mg/L	Y	J	J	2017-1496	CAMO-17-132524	GELC
R-62	1158.4	02/21/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.121	—	—	0.067	mg/L	Y	J	J	2017-1058	CAMO-17-129303	GELC
R-62	1158.4	11/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0963	—	—	0.067	mg/L	Y	J	J	2017-501	CAMO-17-127260	GELC
R-62	1158.4	08/05/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.103	—	—	0.067	mg/L	Y	J	J	2016-1934	CAMO-16-124303	GELC
R-62	1158.4	05/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.118	—	—	0.067	mg/L	Y	J	J	2016-1165	CAMO-16-115289	GELC
R-62	1158.4	02/19/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.101	—	—	0.067	mg/L	Y	J	J	2016-783	CAMO-16-110049	GELC
R-62	1158.4	11/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	0.206	—	—	0.05	mg/L	Y	—	NQ	2018-1001	CAMO-18-148068	GELC
R-62	1158.4	08/04/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	23.1	—	—	0.05	mg/L	Y	—	NQ	2017-2359	CAMO-17-141986	GELC
R-62	1158.4	05/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	21.5	—	—	0.05	mg/L	Y	—	NQ	2017-1496	CAMO-17-132524	GELC
R-62	1158.4	02/21/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	21.9	—	—	0.05	mg/L	Y	—	NQ	2017-1058	CAMO-17-129303	GELC
R-62	1158.4	11/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	20.9	—	—	0.05	mg/L	Y	—	NQ	2017-501	CAMO-17-127260	GELC
R-62	1158.4	08/05/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	21.2	—	—	0.05	mg/L	Y	—	NQ	2016-1934	CAMO-16-124303	GELC
R-62	1158.4	05/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	22.3	—	—	0.05	mg/L	Y	—	NQ	2016-1165	CAMO-16-115289	GELC
R-62	1158.4	02/19/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	21.6	—	—	0.05	mg/L	Y	—	NQ	2016-783	CAMO-16-110049	GELC
R-62	1158.4	11/17/17	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.411	1.33	4.77	—	pCi/L	Y	U	U	2018-1001	CAMO-18-148084	GELC
R-62	1158.4	11/19/15	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.735	1.65	6.25	—	pCi/L	Y	U	U	2016-383	CAMO-16-106114	GELC
R-62	1158.4	05/12/15	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.896	1.62	5.73	—	pCi/L	Y	U	U	2015-1191	CAMO-15-95759	GELC
R-62	1158.4	05/12/15	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.87	1.44	5.96	—	pCi/L	Y	U	U	2015-1191	CAMO-15-95792	GELC
R-62	1158.4	11/17/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.58	1.43	5.89	—	pCi/L	Y	U	U	2015-355	CAMO-15-90223	GELC
R-62	1158.4	06/26/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.337	1.52	5.55	—	pCi/L	Y	U	U	2014-3641	CAMO-14-83983	GELC
R-62	1158.4	11/17/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	14.7	—	—	0.134	mg/L	Y	—	NQ	2018-1001	CAMO-18-148068	GELC
R-62	1158.4	08/04/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	12.2	—	—	0.134	mg/L	Y	—	NQ	2017-2359	CAMO-17-141986	GELC
R-62	1158.4	05/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	11.8	—	—	0.134	mg/L	Y	—	NQ	2017-1496	CAMO-17-132524	GELC
R-62	1158.4	02/21/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	11.2	—	—	0.134	mg/L	Y	—	NQ	2017-1058	CAMO-17-129303	GELC
R-62	1158.4	11/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	10.6	—	—	0.134	mg/L	Y	—	NQ	2017-501	CAMO-17-127260	GELC
R-62	1158.4	08/05/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	9.58	—	—	0.134	mg/L	Y	—	NQ	2016-1934	CAMO-16-124303	GELC
R-62	1158.4	05/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	10.3	—	—	0.134	mg/L	Y	—	NQ	2016-1165	CAMO-16-115289	GELC
R-62	1158.4	02/19/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	9.82	—	—	0.134	mg/L	Y	—	NQ	2016-783	CAMO-16-110049	GELC
R-62	1158.4	11/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	260	—	—	3	µg/L	Y	—	NQ	2018-1001	CAMO-18-148068	GELC
R-62	1158.4	08/04/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	232	—	—	3	µg/L	Y	—	NQ	2017-2359	CAMO-17-141986	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-62	1158.4	05/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	228	—	—	15	µg/L	Y	—	NQ	2017-1496	CAMO-17-132524	GELC
R-62	1158.4	02/21/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	217	—	—	3	µg/L	Y	—	J+	2017-1058	CAMO-17-129303	GELC
R-62	1158.4	11/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	200	—	—	3	µg/L	Y	—	NQ	2017-501	CAMO-17-127260	GELC
R-62	1158.4	08/05/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	197	—	—	10	µg/L	Y	—	NQ	2016-1934	CAMO-16-124303	GELC
R-62	1158.4	05/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	187	—	—	2	µg/L	Y	—	NQ	2016-1165	CAMO-16-115289	GELC
R-62	1158.4	02/19/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	183	—	—	2	µg/L	Y	—	NQ	2016-783	CAMO-16-110049	GELC
R-62	1158.4	05/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.8	—	—	—	%	Y	—	NQ	2017-2466	CAMO-17-132524	UIL
R-62	1158.4	11/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	0.9	—	—	—	%	Y	—	NQ	2017-650	CAMO-17-127260	UIL
R-62	1158.4	05/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	0.9	—	—	—	%	Y	—	NQ	2016-1262	CAMO-16-115289	UIL
R-62	1158.4	11/19/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.01	—	—	—	%	Y	—	NQ	2016-584	CAMO-16-106135	UIL
R-62	1158.4	05/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.02	—	—	—	%	Y	—	NQ	2015-1492	CAMO-15-95814	UIL
R-62	1158.4	05/12/15	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.01	—	—	—	%	Y	—	NQ	2015-1492	CAMO-15-95762	UIL
R-62	1158.4	11/17/17	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.709	1.42	5.89	—	pCi/L	Y	U	U	2018-1001	CAMO-18-148084	GELC
R-62	1158.4	11/19/15	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.701	1.17	4.34	—	pCi/L	Y	U	U	2016-383	CAMO-16-106114	GELC
R-62	1158.4	05/12/15	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.56	0.854	5.76	—	pCi/L	Y	U	U	2015-1191	CAMO-15-95759	GELC
R-62	1158.4	05/12/15	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.51	1.28	5.48	—	pCi/L	Y	U	U	2015-1191	CAMO-15-95792	GELC
R-62	1158.4	11/17/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.55	1.39	4.67	—	pCi/L	Y	U	U	2015-355	CAMO-15-90223	GELC
R-62	1158.4	06/26/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.629	1.61	6.31	—	pCi/L	Y	U	U	2014-3641	CAMO-14-83983	GELC
R-62	1158.4	08/04/17	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00173	—	—	0.00167	mg/L	Y	J	J	2017-2359	CAMO-17-142002	GELC
R-62	1158.4	05/08/17	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00201	—	—	0.00167	mg/L	Y	J	J	2017-1496	CAMO-17-132526	GELC
R-62	1158.4	02/21/17	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.005	—	—	0.00167	mg/L	Y	U	U	2017-1058	CAMO-17-129319	GELC
R-62	1158.4	11/16/16	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.005	—	—	0.00167	mg/L	Y	U	U	2017-501	CAMO-17-127240	GELC
R-62	1158.4	08/05/16	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00207	—	—	0.00167	mg/L	Y	J	J	2016-1934	CAMO-16-124279	GELC
R-62	1158.4	05/09/16	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.005	—	—	0.00167	mg/L	Y	U	U	2016-1165	CAMO-16-115266	GELC
R-62	1158.4	11/17/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.104	—	—	0.033	mg/L	Y	—	NQ	2018-1001	CAMO-18-148068	GELC
R-62	1158.4	08/04/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.106	—	—	0.033	mg/L	Y	—	NQ	2017-2359	CAMO-17-141986	GELC
R-62	1158.4	05/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.18	—	—	0.033	mg/L	Y	—	NQ	2017-1496	CAMO-17-132524	GELC
R-62	1158.4	02/21/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.15	—	—	0.033	mg/L	Y	—	NQ	2017-1058	CAMO-17-129303	GELC
R-62	1158.4	11/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.12	—	—	0.033	mg/L	Y	—	NQ	2017-501	CAMO-17-127260	GELC
R-62	1158.4	08/05/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.113	—	—	0.033	mg/L	Y	—	NQ	2016-1934	CAMO-16-124303	GELC
R-62	1158.4	05/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.129	—	—	0.033	mg/L	Y	—	NQ	2016-1165	CAMO-16-115289	GELC
R-62	1158.4	02/19/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.111	—	—	0.033	mg/L	Y	—	NQ	2016-783	CAMO-16-110049	GELC
R-62	1158.4	11/17/17	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.53	1.01	2.66	—	pCi/L	Y	U	U	2018-1001	CAMO-18-148084	GELC
R-62	1158.4	11/19/15	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.364	0.626	2.96	—	pCi/L	Y	U	U	2016-383	CAMO-16-106114	GELC
R-62	1158.4	05/12/15	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	1.19	0.552	1.79	—	pCi/L	Y	U	U	2015-1191	CAMO-15-95759	GELC
R-62	1158.4	05/12/15	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.687	0.572	1.91	—	pCi/L	Y	U	U	2015-1191	CAMO-15-95792	GELC
R-62	1158.4	11/17/14	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.293	0.284	0.974	—	pCi/L	Y	U	U	2015-355	CAMO-15-90223	GELC
R-62	1158.4	06/26/14	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.239	1.13	3.94	—	pCi/L	Y	U	U	2014-3641	CAMO-14-83983	GELC
R-62	1158.4	11/17/17	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.23	0.704	1.94	—	pCi/L	Y	—	NQ	2018-1001	CAMO-18-148084	GELC
R-62	1158.4	11/19/15	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.89	0.989	2.97	—	pCi/L	Y	—	NQ	2016-383	CAMO-16-106114	GELC
R-62	1158.4	05/12/15	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	1.66	0.598	1.94	—	pCi/L	Y	U	U	2015-1191	CAMO-15-95759	GELC
R-62	1158.4	05/12/15	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.172	0.516	1.73	—	pCi/L	Y	U	U	2015-1191	CAMO-15-95792	GELC
R-62	1158.4	11/17/14	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.73	0.381	1.25	—	pCi/L	Y	U	U	2015-355	CAMO-15-90223	GELC
R-62	1158.4	06/26/14	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	-0.995	1.8	6.06	—	pCi/L	Y	U	U	2014-3641	CAMO-14-83983	GELC
R-62	1158.4	11/17/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	0.515	—	—	0.453	mg/L	Y	J	J	2018-1001	CAMO-18-148068	GELC
R-62	1158.4	08/04/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	83	—	—	0.453	mg/L	Y	—	NQ	2017-2359	CAMO-17-141986	GELC
R-62	1158.4	05/08/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	77.5	—	—	0.453	mg/L	Y	—	NQ	2017-1496	CAMO-17-132524	GELC
R-62	1158.4	02/21/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	78.4	—	—	0.453	mg/L	Y	—	NQ	2017-1058	CAMO-17-129303	GELC
R-62	1158.4	11/16/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	75.3	—	—	0.453	mg/L	Y	—	NQ	2017-501	CAMO-17-127260	GELC
R-62	1158.4	08/05/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	76.5	—	—	0.453	mg/L	Y	—	NQ	2016-1934	CAMO-16-124303	GELC
R-62	1158.4	05/09/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	79.8	—	—	0.453	mg/L	Y	—	NQ	2016-1165	CAMO-16-115289	GELC
R-62	1158.4	02/19/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	78.5	—	—	0.453	mg/L	Y	—	NQ	2016-783	CAMO-16-110049	GELC
R-62	1158.4	11/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	232	—	—	30	µg/L	Y	—	NQ	2018-1001	CAMO-18-148068	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-62	1158.4	08/04/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30	—	—	30	µg/L	Y	U	U	2017-2359	CAMO-17-141986	GELC
R-62	1158.4	05/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	100	—	—	30	µg/L	Y	U	U	2017-1496	CAMO-17-132524	GELC
R-62	1158.4	02/21/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	100	—	—	30	µg/L	Y	U	U	2017-1058	CAMO-17-129303	GELC
R-62	1158.4	11/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	100	—	—	30	µg/L	Y	U	U	2017-501	CAMO-17-127260	GELC
R-62	1158.4	08/04/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.15	—	—	0.11	mg/L	Y	—	NQ	2017-2359	CAMO-17-141986	GELC
R-62	1158.4	05/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.75	—	—	0.11	mg/L	Y	—	NQ	2017-1496	CAMO-17-132524	GELC
R-62	1158.4	02/21/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.79	—	—	0.11	mg/L	Y	—	NQ	2017-1058	CAMO-17-129303	GELC
R-62	1158.4	11/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.6	—	—	0.11	mg/L	Y	—	NQ	2017-501	CAMO-17-127260	GELC
R-62	1158.4	08/05/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.7	—	—	0.11	mg/L	Y	—	NQ	2016-1934	CAMO-16-124303	GELC
R-62	1158.4	05/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.85	—	—	0.11	mg/L	Y	—	NQ	2016-1165	CAMO-16-115289	GELC
R-62	1158.4	02/19/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.96	—	—	0.11	mg/L	Y	—	NQ	2016-783	CAMO-16-110049	GELC
R-62	1158.4	11/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	12.6	—	—	2	µg/L	Y	—	NQ	2018-1001	CAMO-18-148068	GELC
R-62	1158.4	08/04/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2	—	—	2	µg/L	Y	U	U	2017-2359	CAMO-17-141986	GELC
R-62	1158.4	05/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	2017-1496	CAMO-17-132524	GELC
R-62	1158.4	02/21/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	2017-1058	CAMO-17-129303	GELC
R-62	1158.4	11/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	2017-501	CAMO-17-127260	GELC
R-62	1158.4	11/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.652	—	—	0.2	µg/L	Y	—	NQ	2018-1001	CAMO-18-148068	GELC
R-62	1158.4	08/04/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.674	—	—	0.2	µg/L	Y	—	NQ	2017-2359	CAMO-17-141986	GELC
R-62	1158.4	05/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.61	—	—	0.2	µg/L	Y	—	NQ	2017-1496	CAMO-17-132524	GELC
R-62	1158.4	02/21/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.718	—	—	0.3	µg/L	Y	—	NQ	2017-1058	CAMO-17-129303	GELC
R-62	1158.4	11/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.735	—	—	0.3	µg/L	Y	—	NQ	2017-501	CAMO-17-127260	GELC
R-62	1158.4	08/05/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.647	—	—	0.165	µg/L	Y	—	NQ	2016-1934	CAMO-16-124303	GELC
R-62	1158.4	05/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	0.754	—	—	0.165	µg/L	Y	—	U	2016-1165	CAMO-16-115289	GELC
R-62	1158.4	02/19/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.808	—	—	0.165	µg/L	Y	—	NQ	2016-783	CAMO-16-110049	GELC
R-62	1158.4	11/17/17	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.128	2.79	10.1	—	pCi/L	Y	U	U	2018-1001	CAMO-18-148084	GELC
R-62	1158.4	11/19/15	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.64	2.71	7.97	—	pCi/L	Y	U	U	2016-383	CAMO-16-106114	GELC
R-62	1158.4	05/12/15	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	3.3	2.55	9.67	—	pCi/L	Y	U	U	2015-1191	CAMO-15-95759	GELC
R-62	1158.4	05/12/15	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	9.26	4.5	10.7	—	pCi/L	Y	U	U	2015-1191	CAMO-15-95792	GELC
R-62	1158.4	11/17/14	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.118	2.8	10.1	—	pCi/L	Y	U	U	2015-355	CAMO-15-90223	GELC
R-62	1158.4	06/26/14	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.41	2.93	10.3	—	pCi/L	Y	U	U	2014-3641	CAMO-14-83983	GELC
R-62	1158.4	11/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	4.4	—	—	0.6	µg/L	Y	—	NQ	2018-1001	CAMO-18-148068	GELC
R-62	1158.4	08/04/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	3.71	—	—	0.6	µg/L	Y	—	NQ	2017-2359	CAMO-17-141986	GELC
R-62	1158.4	05/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	3.43	—	—	0.6	µg/L	Y	—	NQ	2017-1496	CAMO-17-132524	GELC
R-62	1158.4	02/21/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	3.66	—	—	0.5	µg/L	Y	—	NQ	2017-1058	CAMO-17-129303	GELC
R-62	1158.4	11/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.83	—	—	0.5	µg/L	Y	—	NQ	2017-501	CAMO-17-127260	GELC
R-62	1158.4	08/05/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.71	—	—	0.5	µg/L	Y	—	NQ	2016-1934	CAMO-16-124303	GELC
R-62	1158.4	05/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	3.3	—	—	0.5	µg/L	Y	—	NQ	2016-1165	CAMO-16-115289	GELC
R-62	1158.4	02/19/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.74	—	—	0.5	µg/L	Y	—	NQ	2016-783	CAMO-16-110049	GELC
R-62	1158.4	11/17/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.0685	—	—	0.017	mg/L	Y	—	NQ	2018-1001	CAMO-18-148068	GELC
R-62	1158.4	08/04/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.52	—	—	0.085	mg/L	Y	H	NQ	2017-2359	CAMO-17-141986	GELC
R-62	1158.4	05/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.49	—	—	0.17	mg/L	Y	—	NQ	2017-1496	CAMO-17-132524	GELC
R-62	1158.4	02/21/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.64	—	—	0.085	mg/L	Y	—	NQ	2017-1058	CAMO-17-129303	GELC
R-62	1158.4	11/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.41	—	—	0.085	mg/L	Y	—	NQ	2017-501	CAMO-17-127260	GELC
R-62	1158.4	08/05/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.36	—	—	0.017	mg/L	Y	—	NQ	2016-1934	CAMO-16-124303	GELC
R-62	1158.4	05/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.7	—	—	0.17	mg/L	Y	—	NQ	2016-1165	CAMO-16-115289	GELC
R-62	1158.4	02/19/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.36	—	—	0.017	mg/L	Y	—	J	2016-783	CAMO-16-110049	GELC
R-62	1158.4	11/17/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.805	—	—	0.05	µg/L	Y	—	NQ	2018-1001	CAMO-18-148068	GELC
R-62	1158.4	08/04/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.86	—	—	0.05	µg/L	Y	—	NQ	2017-2359	CAMO-17-141986	GELC
R-62	1158.4	05/08/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.82	—	—	0.05	µg/L	Y	—	NQ	2017-1496	CAMO-17-132524	GELC
R-62	1158.4	02/21/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.813	—	—	0.05	µg/L	Y	—	NQ	2017-1058	CAMO-17-129303	GELC
R-62	1158.4	11/16/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.799	—	—	0.05	µg/L	Y	—	NQ	2017-501	CAMO-17-127260	GELC
R-62	1158.4	08/05/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.833	—	—	0.05	µg/L	Y	—	NQ	2016-1934	CAMO-16-124303	GELC
R-62	1158.4	05/09/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.829	—	—	0.05	µg/L	Y	—	NQ	2016-1165	CAMO-16-115289	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-62	1158.4	02/19/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.881	—	—	0.05	µg/L	Y	—	NQ	2016-783	CAMO-16-110049	GELC
R-62	1158.4	11/17/17	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00903	0.00639	0.0333	—	pCi/L	Y	U	U	2018-1001	CAMO-18-148084	GELC
R-62	1158.4	11/19/15	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00422	0.00517	0.0247	—	pCi/L	Y	U	U	2016-383	CAMO-16-106114	GELC
R-62	1158.4	05/12/15	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0246	0.0148	0.0671	—	pCi/L	Y	U	U	2015-1191	CAMO-15-95759	GELC
R-62	1158.4	05/12/15	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00739	0.00739	0.0336	—	pCi/L	Y	U	U	2015-1191	CAMO-15-95792	GELC
R-62	1158.4	11/17/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0182	0.00908	0.0304	—	pCi/L	Y	U	U	2015-355	CAMO-15-90223	GELC
R-62	1158.4	06/26/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00241	0.00418	0.0249	—	pCi/L	Y	U	U	2014-3641	CAMO-14-83983	GELC
R-62	1158.4	11/17/17	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00677	0.00677	0.0476	—	pCi/L	Y	U	U	2018-1001	CAMO-18-148084	GELC
R-62	1158.4	11/19/15	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0127	0.0073	0.0474	—	pCi/L	Y	U	U	2016-383	CAMO-16-106114	GELC
R-62	1158.4	05/12/15	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0246	0.0163	0.122	—	pCi/L	Y	U	U	2015-1191	CAMO-15-95759	GELC
R-62	1158.4	05/12/15	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00000000246	0.00921	0.0613	—	pCi/L	Y	U	U	2015-1191	CAMO-15-95792	GELC
R-62	1158.4	11/17/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0113	0.00818	0.0449	—	pCi/L	Y	U	U	2015-355	CAMO-15-90223	GELC
R-62	1158.4	06/26/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00482	0.00591	0.0474	—	pCi/L	Y	U	U	2014-3641	CAMO-14-83983	GELC
R-62	1158.4	11/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.302	—	—	0.05	mg/L	Y	E	NQ	2018-1001	CAMO-18-148068	GELC
R-62	1158.4	08/04/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.24	—	—	0.05	mg/L	Y	—	NQ	2017-2359	CAMO-17-141986	GELC
R-62	1158.4	05/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.24	—	—	0.05	mg/L	Y	—	NQ	2017-1496	CAMO-17-132524	GELC
R-62	1158.4	02/21/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.31	—	—	0.05	mg/L	Y	—	NQ	2017-1058	CAMO-17-129303	GELC
R-62	1158.4	11/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.29	—	—	0.05	mg/L	Y	—	NQ	2017-501	CAMO-17-127260	GELC
R-62	1158.4	08/05/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.29	—	—	0.05	mg/L	Y	—	NQ	2016-1934	CAMO-16-124303	GELC
R-62	1158.4	05/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.27	—	—	0.05	mg/L	Y	—	NQ	2016-1165	CAMO-16-115289	GELC
R-62	1158.4	02/19/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.32	—	—	0.05	mg/L	Y	—	NQ	2016-783	CAMO-16-110049	GELC
R-62	1158.4	11/17/17	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-29.9	21.2	64.9	—	pCi/L	Y	U	U	2018-1001	CAMO-18-148084	GELC
R-62	1158.4	11/19/15	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-37.7	15.6	50.9	—	pCi/L	Y	U	U	2016-383	CAMO-16-106114	GELC
R-62	1158.4	05/12/15	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-4.59	16.1	63.9	—	pCi/L	Y	U	U	2015-1191	CAMO-15-95759	GELC
R-62	1158.4	05/12/15	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-36.3	18.9	63.4	—	pCi/L	Y	U	U	2015-1191	CAMO-15-95792	GELC
R-62	1158.4	11/17/14	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-15	16.8	60.2	—	pCi/L	Y	U	U	2015-355	CAMO-15-90223	GELC
R-62	1158.4	06/26/14	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	2.92	23.7	50.1	—	pCi/L	Y	U	U	2014-3641	CAMO-14-83983	GELC
R-62	1158.4	02/21/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	Y	2.14	—	—	2	µg/L	Y	J	J	2017-1058	CAMO-17-129303	GELC
R-62	1158.4	11/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	5	—	—	2	µg/L	Y	U	U	2017-501	CAMO-17-127260	GELC
R-62	1158.4	08/05/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	5	—	—	1.5	µg/L	Y	U	U	2016-1934	CAMO-16-124303	GELC
R-62	1158.4	05/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	2.27	—	—	1.5	µg/L	Y	J	U	2016-1165	CAMO-16-115289	GELC
R-62	1158.4	02/19/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	5	—	—	1.5	µg/L	Y	U	U	2016-783	CAMO-16-110049	GELC
R-62	1158.4	11/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	1.51	—	—	0.053	mg/L	Y	—	NQ	2018-1001	CAMO-18-148068	GELC
R-62	1158.4	08/04/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	59.5	—	—	0.53	mg/L	Y	—	NQ	2017-2359	CAMO-17-141986	GELC
R-62	1158.4	05/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	60.3	—	—	0.053	mg/L	Y	—	NQ	2017-1496	CAMO-17-132524	GELC
R-62	1158.4	02/21/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	61	—	—	0.053	mg/L	Y	—	NQ	2017-1058	CAMO-17-129303	GELC
R-62	1158.4	11/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	58.8	—	—	0.053	mg/L	Y	—	NQ	2017-501	CAMO-17-127260	GELC
R-62	1158.4	08/05/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	64.4	—	—	0.053	mg/L	Y	—	NQ	2016-1934	CAMO-16-124303	GELC
R-62	1158.4	05/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.4	—	—	0.053	mg/L	Y	—	NQ	2016-1165	CAMO-16-115289	GELC
R-62	1158.4	02/19/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.5	—	—	0.053	mg/L	Y	—	NQ	2016-783	CAMO-16-110049	GELC
R-62	1158.4	11/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	1.78	—	—	0.1	mg/L	Y	—	NQ	2018-1001	CAMO-18-148068	GELC
R-62	1158.4	08/04/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.5	—	—	0.1	mg/L	Y	—	NQ	2017-2359	CAMO-17-141986	GELC
R-62	1158.4	05/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.9	—	—	0.1	mg/L	Y	—	NQ	2017-1496	CAMO-17-132524	GELC
R-62	1158.4	02/21/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11	—	—	0.1	mg/L	Y	—	NQ	2017-1058	CAMO-17-129303	GELC
R-62	1158.4	11/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.5	—	—	0.1	mg/L	Y	—	NQ	2017-501	CAMO-17-127260	GELC
R-62	1158.4	08/05/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.1	—	—	0.1	mg/L	Y	—	NQ	2016-1934	CAMO-16-124303	GELC
R-62	1158.4	05/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.1	—	—	0.1	mg/L	Y	—	NQ	2016-1165	CAMO-16-115289	GELC
R-62	1158.4	02/19/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.6	—	—	0.1	mg/L	Y	—	NQ	2016-783	CAMO-16-110049	GELC
R-62	1158.4	11/17/17	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.0118	1.28	5.19	—	pCi/L	Y	U	U	2018-1001	CAMO-18-148084	GELC
R-62	1158.4	11/19/15	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.599	1.19	4.46	—	pCi/L	Y	U	U	2016-383	CAMO-16-106114	GELC
R-62	1158.4	05/12/15	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.16	1.31	4.66	—	pCi/L	Y	U	U	2015-1191	CAMO-15-95759	GELC
R-62	1158.4	05/12/15	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.436	1.18	4.7	—	pCi/L	Y	U	U	2015-1191	CAMO-15-95792	GELC
R-62	1158.4	11/17/14	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.721	1.49	5.37	—	pCi/L	Y	U	U	2015-355	CAMO-15-90223	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-62	1158.4	06/26/14	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.261	1.13	4.64	—	pCi/L	Y	U	U	2014-3641	CAMO-14-83983	GELC
R-62	1158.4	11/17/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	272	—	—	1	µS/cm	Y	—	NQ	2018-1001	CAMO-18-148068	GELC
R-62	1158.4	08/04/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	255	—	—	1	µS/cm	Y	—	NQ	2017-2359	CAMO-17-141986	GELC
R-62	1158.4	05/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	235	—	—	1	µS/cm	Y	—	NQ	2017-1496	CAMO-17-132524	GELC
R-62	1158.4	02/21/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	220	—	—	1	µS/cm	Y	—	NQ	2017-1058	CAMO-17-129303	GELC
R-62	1158.4	11/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	217	—	—	1	µS/cm	Y	—	NQ	2017-501	CAMO-17-127260	GELC
R-62	1158.4	08/05/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	191	—	—	3.63	µS/cm	Y	—	NQ	2016-1934	CAMO-16-124303	GELC
R-62	1158.4	05/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	220	—	—	3.63	µS/cm	Y	—	NQ	2016-1165	CAMO-16-115289	GELC
R-62	1158.4	02/19/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	220	—	—	3.63	µS/cm	Y	—	NQ	2016-783	CAMO-16-110049	GELC
R-62	1158.4	11/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	1.59	—	—	1	µg/L	Y	J	J	2018-1001	CAMO-18-148068	GELC
R-62	1158.4	08/04/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	97.6	—	—	1	µg/L	Y	—	NQ	2017-2359	CAMO-17-141986	GELC
R-62	1158.4	05/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	105	—	—	1	µg/L	Y	—	NQ	2017-1496	CAMO-17-132524	GELC
R-62	1158.4	02/21/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	96.7	—	—	1	µg/L	Y	—	NQ	2017-1058	CAMO-17-129303	GELC
R-62	1158.4	11/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	95.8	—	—	1	µg/L	Y	—	NQ	2017-501	CAMO-17-127260	GELC
R-62	1158.4	08/05/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	92.7	—	—	1	µg/L	Y	—	NQ	2016-1934	CAMO-16-124303	GELC
R-62	1158.4	05/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	96.2	—	—	1	µg/L	Y	—	NQ	2016-1165	CAMO-16-115289	GELC
R-62	1158.4	02/19/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	86.9	—	—	1	µg/L	Y	—	NQ	2016-783	CAMO-16-110049	GELC
R-62	1158.4	11/17/17	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.237	0.116	0.487	—	pCi/L	Y	U	U	2018-1001	CAMO-18-148084	GELC
R-62	1158.4	11/19/15	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0804	0.132	0.473	—	pCi/L	Y	U	U	2016-383	CAMO-16-106114	GELC
R-62	1158.4	05/12/15	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.236	0.0797	0.325	—	pCi/L	Y	U	U	2015-1191	CAMO-15-95759	GELC
R-62	1158.4	05/12/15	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.224	0.119	0.478	—	pCi/L	Y	U	U	2015-1191	CAMO-15-95792	GELC
R-62	1158.4	11/17/14	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0068	0.131	0.483	—	pCi/L	Y	U	U	2015-355	CAMO-15-90223	GELC
R-62	1158.4	06/26/14	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.314	0.115	0.523	—	pCi/L	Y	U	U	2014-3641	CAMO-14-83983	GELC
R-62	1158.4	11/17/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	26.4	—	—	0.266	mg/L	Y	—	NQ	2018-1001	CAMO-18-148068	GELC
R-62	1158.4	08/04/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	22.1	—	—	0.266	mg/L	Y	—	NQ	2017-2359	CAMO-17-141986	GELC
R-62	1158.4	05/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	21.4	—	—	0.266	mg/L	Y	—	NQ	2017-1496	CAMO-17-132524	GELC
R-62	1158.4	02/21/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	20.1	—	—	0.266	mg/L	Y	—	NQ	2017-1058	CAMO-17-129303	GELC
R-62	1158.4	11/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	19.6	—	—	0.133	mg/L	Y	—	NQ	2017-501	CAMO-17-127260	GELC
R-62	1158.4	08/05/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	17.8	—	—	0.133	mg/L	Y	—	NQ	2016-1934	CAMO-16-124303	GELC
R-62	1158.4	05/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	19.6	—	—	0.133	mg/L	Y	—	NQ	2016-1165	CAMO-16-115289	GELC
R-62	1158.4	02/19/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	18.6	—	—	0.133	mg/L	Y	—	NQ	2016-783	CAMO-16-110049	GELC
R-62	1158.4	11/17/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-1001	CAMO-18-148068	GELC
R-62	1158.4	11/17/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-1001	CAMO-18-148084	GELC
R-62	1158.4	08/04/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	2017-2359	CAMO-17-142002	GELC
R-62	1158.4	08/04/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	2017-2359	CAMO-17-141986	GELC
R-62	1158.4	05/08/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	2017-1496	CAMO-17-132524	GELC
R-62	1158.4	05/08/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	2017-1496	CAMO-17-132526	GELC
R-62	1158.4	11/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	3.02	—	—	2.5	µg/L	Y	J	J	2018-1001	CAMO-18-148068	GELC
R-62	1158.4	05/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	3.7	—	—	2.5	µg/L	Y	J	J	2017-1496	CAMO-17-132524	GELC
R-62	1158.4	02/21/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	2017-1058	CAMO-17-129303	GELC
R-62	1158.4	11/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	2017-501	CAMO-17-127260	GELC
R-62	1158.4	08/05/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	2016-1934	CAMO-16-124303	GELC
R-62	1158.4	05/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	2016-1165	CAMO-16-115289	GELC
R-62	1158.4	11/17/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	197	—	—	3.4	mg/L	Y	—	NQ	2018-1001	CAMO-18-148068	GELC
R-62	1158.4	08/04/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	191	—	—	3.4	mg/L	Y	—	NQ	2017-2359	CAMO-17-141986	GELC
R-62	1158.4	05/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	161	—	—	3.4	mg/L	Y	—	NQ	2017-1496	CAMO-17-132524	GELC
R-62	1158.4	02/21/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	144	—	—	3.4	mg/L	Y	—	J	2017-1058	CAMO-17-129303	GELC
R-62	1158.4	11/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	220	—	—	3.4	mg/L	Y	—	NQ	2017-501	CAMO-17-127260	GELC
R-62	1158.4	08/05/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	166	—	—	3.4	mg/L	Y	—	NQ	2016-1934	CAMO-16-124303	GELC
R-62	1158.4	05/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	153	—	—	3.4	mg/L	Y	—	J	2016-1165	CAMO-16-115289	GELC
R-62	1158.4	02/19/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	137	—	—	3.4	mg/L	Y	—	NQ	2016-783	CAMO-16-110049	GELC
R-62	1158.4	08/04/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.17	—	—	0.033	mg/L	Y	—	NQ	2017-2359	CAMO-17-142002	GELC
R-62	1158.4	05/08/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.193	—	—	0.033	mg/L	Y	—	NQ	2017-1496	CAMO-17-132526	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-62	1158.4	02/21/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.5	—	—	0.165	mg/L	Y	U	U	2017-1058	CAMO-17-129319	GELC
R-62	1158.4	11/16/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2017-501	CAMO-17-127240	GELC
R-62	1158.4	08/05/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2016-1934	CAMO-16-124279	GELC
R-62	1158.4	05/09/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0352	—	—	0.033	mg/L	Y	J	J	2016-1165	CAMO-16-115266	GELC
R-62	1158.4	05/08/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.36	—	—	0.33	mg/L	Y	J	J	2017-1496	CAMO-17-132526	GELC
R-62	1158.4	02/21/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	1	—	—	0.33	mg/L	Y	U	U	2017-1058	CAMO-17-129319	GELC
R-62	1158.4	11/16/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	1	—	—	0.33	mg/L	Y	U	U	2017-501	CAMO-17-127240	GELC
R-62	1158.4	08/05/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	1	—	—	0.33	mg/L	Y	U	U	2016-1934	CAMO-16-124279	GELC
R-62	1158.4	05/09/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	1	—	—	0.33	mg/L	Y	U	U	2016-1165	CAMO-16-115266	GELC
R-62	1158.4	05/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0474	—	—	0.02	mg/L	Y	J	J	2017-1496	CAMO-17-132524	GELC
R-62	1158.4	02/21/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.138	—	—	0.02	mg/L	Y	—	NQ	2017-1058	CAMO-17-129303	GELC
R-62	1158.4	11/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.05	—	—	0.02	mg/L	Y	U	U	2017-501	CAMO-17-127260	GELC
R-62	1158.4	08/05/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0537	—	—	0.02	mg/L	Y	—	NQ	2016-1934	CAMO-16-124303	GELC
R-62	1158.4	05/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.05	—	—	0.02	mg/L	Y	U	U	2016-1165	CAMO-16-115289	GELC
R-62	1158.4	02/19/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.028	—	—	0.017	mg/L	Y	J	J	2016-783	CAMO-16-110049	GELC
R-62	1158.4	11/17/17	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	27.227	4.271	2.847	—	pCi/L	Y	—	NQ	2018-1094	CAMO-18-148084	ARSL
R-62	1158.4	11/16/16	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	14.741	2.378	2.076	—	pCi/L	Y	—	J-	2017-505	CAMO-17-127240	ARSL
R-62	1158.4	11/19/15	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	15.961	2.565	2.174	—	pCi/L	Y	—	NQ	2016-399	CAMO-16-106114	ARSL
R-62	1158.4	05/12/15	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	14.744	2.395	2.211	—	pCi/L	Y	—	NQ	2015-1205	CAMO-15-95759	ARSL
R-62	1158.4	05/12/15	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	15.812	2.564	2.335	—	pCi/L	Y	—	NQ	2015-1205	CAMO-15-95792	ARSL
R-62	1158.4	11/17/14	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	9.919	1.732	2.384	—	pCi/L	Y	—	NQ	2015-379	CAMO-15-90223	ARSL
R-62	1158.4	11/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.786	—	—	0.067	µg/L	Y	—	NQ	2018-1001	CAMO-18-148068	GELC
R-62	1158.4	08/04/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.837	—	—	0.067	µg/L	Y	—	NQ	2017-2359	CAMO-17-141986	GELC
R-62	1158.4	05/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.739	—	—	0.067	µg/L	Y	—	NQ	2017-1496	CAMO-17-132524	GELC
R-62	1158.4	02/21/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.864	—	—	0.067	µg/L	Y	—	NQ	2017-1058	CAMO-17-129303	GELC
R-62	1158.4	11/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.796	—	—	0.067	µg/L	Y	—	NQ	2017-501	CAMO-17-127260	GELC
R-62	1158.4	08/05/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.831	—	—	0.067	µg/L	Y	—	NQ	2016-1934	CAMO-16-124303	GELC
R-62	1158.4	05/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.899	—	—	0.067	µg/L	Y	—	NQ	2016-1165	CAMO-16-115289	GELC
R-62	1158.4	02/19/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.842	—	—	0.067	µg/L	Y	—	NQ	2016-783	CAMO-16-110049	GELC
R-62	1158.4	11/17/17	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.706	0.0497	0.167	—	pCi/L	Y	—	NQ	2018-1001	CAMO-18-148084	GELC
R-62	1158.4	11/19/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.526	0.0353	0.0767	—	pCi/L	Y	—	NQ	2016-383	CAMO-16-106114	GELC
R-62	1158.4	05/12/15	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.496	0.0435	0.0803	—	pCi/L	Y	—	NQ	2015-1191	CAMO-15-95759	GELC
R-62	1158.4	05/12/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.54	0.0425	0.0692	—	pCi/L	Y	—	NQ	2015-1191	CAMO-15-95792	GELC
R-62	1158.4	11/17/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.666	0.0586	0.0961	—	pCi/L	Y	—	NQ	2015-355	CAMO-15-90223	GELC
R-62	1158.4	06/26/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.514	0.0362	0.0524	—	pCi/L	Y	—	NQ	2014-3641	CAMO-14-83983	GELC
R-62	1158.4	11/17/17	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.179	0.0279	0.0724	—	pCi/L	Y	—	NQ	2018-1001	CAMO-18-148084	GELC
R-62	1158.4	11/19/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0232	0.0101	0.0669	—	pCi/L	Y	U	U	2016-383	CAMO-16-106114	GELC
R-62	1158.4	05/12/15	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0131	0.0115	0.0515	—	pCi/L	Y	U	U	2015-1191	CAMO-15-95759	GELC
R-62	1158.4	05/12/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0188	0.0145	0.0444	—	pCi/L	Y	U	U	2015-1191	CAMO-15-95792	GELC
R-62	1158.4	11/17/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0	0.0116	0.0837	—	pCi/L	Y	U	U	2015-355	CAMO-15-90223	GELC
R-62	1158.4	06/26/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00903	0.00796	0.0341	—	pCi/L	Y	U	U	2014-3641	CAMO-14-83983	GELC
R-62	1158.4	11/17/17	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.326	0.0345	0.098	—	pCi/L	Y	—	NQ	2018-1001	CAMO-18-148084	GELC
R-62	1158.4	11/19/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.251	0.0248	0.0758	—	pCi/L	Y	—	NQ	2016-383	CAMO-16-106114	GELC
R-62	1158.4	05/12/15	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.271	0.0317	0.0677	—	pCi/L	Y	—	NQ	2015-1191	CAMO-15-95759	GELC
R-62	1158.4	05/12/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.27	0.0293	0.0584	—	pCi/L	Y	—	NQ	2015-1191	CAMO-15-95792	GELC
R-62	1158.4	11/17/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.258	0.0366	0.092	—	pCi/L	Y	—	NQ	2015-355	CAMO-15-90223	GELC
R-62	1158.4	06/26/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.231	0.0242	0.052	—	pCi/L	Y	—	NQ	2014-3641	CAMO-14-83983	GELC
R-62	1158.4	08/04/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.82	—	—	1	µg/L	Y	J	J	2017-2359	CAMO-17-141986	GELC
R-62	1158.4	05/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.68	—	—	1	µg/L	Y	J	J	2017-1496	CAMO-17-132524	GELC
R-62	1158.4	02/21/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.23	—	—	1	µg/L	Y	J	J	2017-1058	CAMO-17-129303	GELC
R-62	1158.4	11/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.99	—	—	1	µg/L	Y	J	J	2017-501	CAMO-17-127260	GELC
R-62	1158.4	08/05/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.71	—	—	1	µg/L	Y	J	J	2016-1934	CAMO-16-124303	GELC
R-62	1158.4	05/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.13	—	—	1	µg/L	Y	J	J	2016-1165	CAMO-16-115289	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-62	1158.4	02/19/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.08	—	—	1	µg/L	Y	J	J	2016-783	CAMO-16-110049	GELC
R-62	1158.4	11/17/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	10.9	—	—	3.3	µg/L	Y	—	NQ	2018-1001	CAMO-18-148068	GELC
R-62	1158.4	08/04/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	2017-2359	CAMO-17-141986	GELC
R-62	1158.4	05/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2017-1496	CAMO-17-132524	GELC
R-62	1158.4	02/21/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2017-1058	CAMO-17-129303	GELC
R-62	1158.4	11/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2017-501	CAMO-17-127260	GELC
R-67	1242.6	11/10/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.29	—	—	0.01	SU	Y	H	NQ	2018-853	CASA-18-147995	GELC
R-67	1242.6	08/01/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.36	—	—	0.01	SU	Y	H	NQ	2017-2278	CASA-17-142775	GELC
R-67	1242.6	05/03/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.28	—	—	0.01	SU	Y	H	NQ	2017-1476	CASA-17-132325	GELC
R-67	1242.6	05/03/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.27	—	—	0.01	SU	Y	H	NQ	2017-1476	CASA-17-132338	GELC
R-67	1242.6	02/16/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.27	—	—	0.01	SU	Y	H	NQ	2017-1050	CASA-17-129341	GELC
R-67	1242.6	11/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.29	—	—	0.01	SU	Y	H	NQ	2017-484	CASA-17-127296	GELC
R-67	1242.6	08/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.22	—	—	0.01	SU	Y	H	NQ	2016-2001	CASA-16-124348	GELC
R-67	1242.6	05/10/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.21	—	—	0.01	SU	Y	H	NQ	2016-1178	CAMO-16-115290	GELC
R-67	1242.6	02/03/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.92	—	—	0.01	SU	Y	H	NQ	2016-678	CASA-16-110069	GELC
R-67	1242.6	08/01/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	1.61	—	—	1.45	mg/L	Y	J	J	2017-2278	CASA-17-142775	GELC
R-67	1242.6	05/03/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	4	—	—	1.45	mg/L	Y	U	U	2017-1476	CASA-17-132325	GELC
R-67	1242.6	05/03/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	4	—	—	1.45	mg/L	Y	U	U	2017-1476	CASA-17-132338	GELC
R-67	1242.6	02/16/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	4	—	—	1.45	mg/L	Y	U	U	2017-1050	CASA-17-129341	GELC
R-67	1242.6	11/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	4	—	—	1.45	mg/L	Y	U	U	2017-484	CASA-17-127296	GELC
R-67	1242.6	08/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	2	—	—	0.725	mg/L	Y	U	U	2016-2001	CASA-16-124348	GELC
R-67	1242.6	11/10/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	84.7	—	—	1.45	mg/L	Y	—	NQ	2018-853	CASA-18-147995	GELC
R-67	1242.6	08/01/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	84.7	—	—	1.45	mg/L	Y	—	NQ	2017-2278	CASA-17-142775	GELC
R-67	1242.6	05/03/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	84.6	—	—	1.45	mg/L	Y	—	NQ	2017-1476	CASA-17-132325	GELC
R-67	1242.6	05/03/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	83.6	—	—	1.45	mg/L	Y	—	NQ	2017-1476	CASA-17-132338	GELC
R-67	1242.6	02/16/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	87	—	—	1.45	mg/L	Y	—	NQ	2017-1050	CASA-17-129341	GELC
R-67	1242.6	11/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	87.7	—	—	1.45	mg/L	Y	—	NQ	2017-484	CASA-17-127296	GELC
R-67	1242.6	08/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	82.3	—	—	0.725	mg/L	Y	—	NQ	2016-2001	CASA-16-124348	GELC
R-67	1242.6	05/10/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	86	—	—	0.725	mg/L	Y	—	NQ	2016-1178	CAMO-16-115290	GELC
R-67	1242.6	02/03/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	82.4	—	—	0.725	mg/L	Y	—	NQ	2016-678	CASA-16-110069	GELC
R-67	1242.6	11/10/17	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.018	0.00674	0.0321	—	pCi/L	Y	U	U	2018-853	CASA-18-148002	GELC
R-67	1242.6	11/16/16	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0113	0.0105	0.0702	—	pCi/L	Y	U	U	2017-484	CASA-17-127277	GELC
R-67	1242.6	05/10/16	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00469	0.00469	0.0461	—	pCi/L	Y	U	U	2016-1178	CAMO-16-115267	GELC
R-67	1242.6	12/03/15	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.014	0.00838	0.0469	—	pCi/L	Y	U	U	2016-457	CASA-16-106063	GELC
R-67	1242.6	11/10/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0238	—	—	0.017	mg/L	Y	J	J	2018-853	CASA-18-147995	GELC
R-67	1242.6	08/01/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.082	—	—	0.017	mg/L	Y	—	NQ	2017-2278	CASA-17-142775	GELC
R-67	1242.6	05/03/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.166	—	—	0.017	mg/L	Y	—	NQ	2017-1476	CASA-17-132325	GELC
R-67	1242.6	05/03/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0262	—	—	0.017	mg/L	Y	J	J	2017-1476	CASA-17-132338	GELC
R-67	1242.6	02/16/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.124	—	—	0.017	mg/L	Y	—	NQ	2017-1050	CASA-17-129341	GELC
R-67	1242.6	11/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0577	—	—	0.017	mg/L	Y	—	U	2017-484	CASA-17-127296	GELC
R-67	1242.6	08/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0386	—	—	0.017	mg/L	Y	J	J	2016-2001	CASA-16-124348	GELC
R-67	1242.6	05/10/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0668	—	—	0.017	mg/L	Y	—	U	2016-1178	CAMO-16-115290	GELC
R-67	1242.6	02/03/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0283	—	—	0.017	mg/L	Y	J	J	2016-678	CASA-16-110069	GELC
R-67	1242.6	11/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.05	—	—	2	µg/L	Y	J	J	2018-853	CASA-18-147995	GELC
R-67	1242.6	08/01/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.63	—	—	2	µg/L	Y	J	J	2017-2278	CASA-17-142775	GELC
R-67	1242.6	05/03/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.13	—	—	2	µg/L	Y	J	J	2017-1476	CASA-17-132325	GELC
R-67	1242.6	05/03/17	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	Y	2.08	—	—	2	µg/L	Y	J	J	2017-1476	CASA-17-132338	GELC
R-67	1242.6	02/16/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2017-1050	CASA-17-129341	GELC
R-67	1242.6	11/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	1.92	—	—	1.7	µg/L	Y	J	J	2017-484	CASA-17-127296	GELC
R-67	1242.6	08/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2016-2001	CASA-16-124348	GELC
R-67	1242.6	05/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.27	—	—	1.7	µg/L	Y	J	J	2016-1178	CAMO-16-115290	GELC
R-67	1242.6	11/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	20.4	—	—	1	µg/L	Y	—	NQ	2018-853	CASA-18-147995	GELC
R-67	1242.6	08/01/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	19.9	—	—	1	µg/L	Y	—	NQ	2017-2278	CASA-17-142775	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-67	1242.6	05/03/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	21.1	—	—	1	µg/L	Y	—	NQ	2017-1476	CASA-17-132325	GELC
R-67	1242.6	05/03/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	20.9	—	—	1	µg/L	Y	—	NQ	2017-1476	CASA-17-132338	GELC
R-67	1242.6	02/16/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	20	—	—	1	µg/L	Y	—	NQ	2017-1050	CASA-17-129341	GELC
R-67	1242.6	11/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	21.3	—	—	1	µg/L	Y	—	NQ	2017-484	CASA-17-127296	GELC
R-67	1242.6	08/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	21.9	—	—	1	µg/L	Y	—	NQ	2016-2001	CASA-16-124348	GELC
R-67	1242.6	05/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	24.6	—	—	1	µg/L	Y	—	NQ	2016-1178	CAMO-16-115290	GELC
R-67	1242.6	02/03/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	25.5	—	—	1	µg/L	Y	—	NQ	2016-678	CASA-16-110069	GELC
R-67	1242.6	11/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	15.5	—	—	0.05	mg/L	Y	—	NQ	2018-853	CASA-18-147995	GELC
R-67	1242.6	08/01/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	14.9	—	—	0.05	mg/L	Y	—	NQ	2017-2278	CASA-17-142775	GELC
R-67	1242.6	05/03/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	15.7	—	—	0.05	mg/L	Y	—	NQ	2017-1476	CASA-17-132325	GELC
R-67	1242.6	05/03/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	15.8	—	—	0.05	mg/L	Y	—	NQ	2017-1476	CASA-17-132338	GELC
R-67	1242.6	02/16/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	15.9	—	—	0.05	mg/L	Y	—	NQ	2017-1050	CASA-17-129341	GELC
R-67	1242.6	11/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	15.3	—	—	0.05	mg/L	Y	—	NQ	2017-484	CASA-17-127296	GELC
R-67	1242.6	08/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	14.8	—	—	0.05	mg/L	Y	—	NQ	2016-2001	CASA-16-124348	GELC
R-67	1242.6	05/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	14.8	—	—	0.05	mg/L	Y	—	NQ	2016-1178	CAMO-16-115290	GELC
R-67	1242.6	02/03/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	14.4	—	—	0.05	mg/L	Y	—	NQ	2016-678	CASA-16-110069	GELC
R-67	1242.6	11/10/17	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.29	1.68	5.65	—	pCi/L	Y	U	U	2018-853	CASA-18-148002	GELC
R-67	1242.6	11/16/16	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.25	1.17	4.33	—	pCi/L	Y	U	U	2017-484	CASA-17-127277	GELC
R-67	1242.6	05/10/16	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.103	1.08	3.92	—	pCi/L	Y	U	U	2016-1178	CAMO-16-115267	GELC
R-67	1242.6	12/03/15	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.621	1.24	4.18	—	pCi/L	Y	U	U	2016-457	CASA-16-106063	GELC
R-67	1242.6	11/10/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.19	—	—	0.067	mg/L	Y	—	NQ	2018-853	CASA-18-147995	GELC
R-67	1242.6	08/01/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.2	—	—	0.067	mg/L	Y	—	NQ	2017-2278	CASA-17-142775	GELC
R-67	1242.6	05/03/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.34	—	—	0.067	mg/L	Y	—	NQ	2017-1476	CASA-17-132325	GELC
R-67	1242.6	05/03/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.34	—	—	0.067	mg/L	Y	—	NQ	2017-1476	CASA-17-132338	GELC
R-67	1242.6	02/16/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.18	—	—	0.067	mg/L	Y	—	NQ	2017-1050	CASA-17-129341	GELC
R-67	1242.6	11/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.39	—	—	0.067	mg/L	Y	—	NQ	2017-484	CASA-17-127296	GELC
R-67	1242.6	08/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.41	—	—	0.067	mg/L	Y	—	NQ	2016-2001	CASA-16-124348	GELC
R-67	1242.6	05/10/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.28	—	—	0.067	mg/L	Y	—	NQ	2016-1178	CAMO-16-115290	GELC
R-67	1242.6	02/03/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.26	—	—	0.067	mg/L	Y	—	NQ	2016-678	CASA-16-110069	GELC
R-67	1242.6	11/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	8.4	—	—	3	µg/L	Y	J	J	2018-853	CASA-18-147995	GELC
R-67	1242.6	08/01/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	7.52	—	—	3	µg/L	Y	J	J	2017-2278	CASA-17-142775	GELC
R-67	1242.6	05/03/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	7.88	—	—	3	µg/L	Y	J	J	2017-1476	CASA-17-132325	GELC
R-67	1242.6	05/03/17	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	8.01	—	—	3	µg/L	Y	J	J	2017-1476	CASA-17-132338	GELC
R-67	1242.6	02/16/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	8.51	—	—	3	µg/L	Y	J	J	2017-1050	CASA-17-129341	GELC
R-67	1242.6	11/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	7.88	—	—	3	µg/L	Y	J	J	2017-484	CASA-17-127296	GELC
R-67	1242.6	08/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	6.91	—	—	2	µg/L	Y	J	J	2016-2001	CASA-16-124348	GELC
R-67	1242.6	05/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.43	—	—	2	µg/L	Y	J	J	2016-1178	CAMO-16-115290	GELC
R-67	1242.6	02/03/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	6.12	—	—	2	µg/L	Y	J	J	2016-678	CASA-16-110069	GELC
R-67	1242.6	08/01/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.94	—	—	—	%	Y	—	NQ	2017-2464	CASA-17-142775	UIL
R-67	1242.6	05/03/17	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.96	—	—	—	%	Y	—	NQ	2017-2466	CASA-17-132338	UIL
R-67	1242.6	02/16/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.84	—	—	—	%	Y	—	NQ	2017-1392	CASA-17-129341	UIL
R-67	1242.6	11/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.84	—	—	—	%	Y	—	NQ	2017-649	CASA-17-127296	UIL
R-67	1242.6	05/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	2.21	—	—	—	%	Y	—	NQ	2016-1262	CAMO-16-115290	UIL
R-67	1242.6	02/03/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	2.75	—	—	—	%	Y	—	NQ	2016-1023	CASA-16-110069	UIL
R-67	1242.6	12/03/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	2.01	—	—	—	%	Y	—	NQ	2016-585	CASA-16-106065	UIL
R-67	1242.6	11/10/17	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.36	1.23	5.3	—	pCi/L	Y	U	U	2018-853	CASA-18-148002	GELC
R-67	1242.6	11/16/16	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.441	1.06	4.12	—	pCi/L	Y	U	U	2017-484	CASA-17-127277	GELC
R-67	1242.6	05/10/16	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.564	1.1	4.25	—	pCi/L	Y	U	U	2016-1178	CAMO-16-115267	GELC
R-67	1242.6	12/03/15	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.0597	1.5	5.57	—	pCi/L	Y	U	U	2016-457	CASA-16-106063	GELC
R-67	1242.6	11/10/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.078	—	—	0.033	mg/L	Y	J	J	2018-853	CASA-18-147995	GELC
R-67	1242.6	08/01/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0816	—	—	0.033	mg/L	Y	J	J	2017-2278	CASA-17-142775	GELC
R-67	1242.6	05/03/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.147	—	—	0.033	mg/L	Y	—	NQ	2017-1476	CASA-17-132325	GELC
R-67	1242.6	05/03/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.135	—	—	0.033	mg/L	Y	—	NQ	2017-1476	CASA-17-132338	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-67	1242.6	02/16/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.11	—	—	0.033	mg/L	Y	—	NQ	2017-1050	CASA-17-129341	GELC
R-67	1242.6	11/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.107	—	—	0.033	mg/L	Y	—	NQ	2017-484	CASA-17-127296	GELC
R-67	1242.6	08/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0918	—	—	0.033	mg/L	Y	J	J	2016-2001	CASA-16-124348	GELC
R-67	1242.6	05/10/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.124	—	—	0.033	mg/L	Y	—	NQ	2016-1178	CAMO-16-115290	GELC
R-67	1242.6	02/03/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.145	—	—	0.033	mg/L	Y	—	NQ	2016-678	CASA-16-110069	GELC
R-67	1242.6	11/10/17	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.19	0.547	1.68	—	pCi/L	Y	U	U	2018-853	CASA-18-148002	GELC
R-67	1242.6	11/16/16	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.08	0.697	2.32	—	pCi/L	Y	U	U	2017-484	CASA-17-127277	GELC
R-67	1242.6	05/10/16	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	3.44	0.926	2.15	—	pCi/L	Y	—	NQ	2016-1178	CAMO-16-115267	GELC
R-67	1242.6	12/03/15	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.44	0.882	2.9	—	pCi/L	Y	U	U	2016-457	CASA-16-106063	GELC
R-67	1242.6	11/10/17	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.17	0.887	2.71	—	pCi/L	Y	U	U	2018-853	CASA-18-148002	GELC
R-67	1242.6	11/16/16	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.864	0.495	1.56	—	pCi/L	Y	U	U	2017-484	CASA-17-127277	GELC
R-67	1242.6	05/10/16	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.58	0.923	2.81	—	pCi/L	Y	—	NQ	2016-1178	CAMO-16-115267	GELC
R-67	1242.6	12/03/15	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.92	0.697	2.05	—	pCi/L	Y	—	NQ	2016-457	CASA-16-106063	GELC
R-67	1242.6	11/10/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	62.2	—	—	0.453	mg/L	Y	—	NQ	2018-853	CASA-18-147995	GELC
R-67	1242.6	08/01/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	58.6	—	—	0.453	mg/L	Y	—	NQ	2017-2278	CASA-17-142775	GELC
R-67	1242.6	05/03/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	61.3	—	—	0.453	mg/L	Y	—	NQ	2017-1476	CASA-17-132325	GELC
R-67	1242.6	05/03/17	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	61.3	—	—	0.453	mg/L	Y	—	NQ	2017-1476	CASA-17-132338	GELC
R-67	1242.6	02/16/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	60.4	—	—	0.453	mg/L	Y	—	NQ	2017-1050	CASA-17-129341	GELC
R-67	1242.6	11/16/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	59.5	—	—	0.453	mg/L	Y	—	NQ	2017-484	CASA-17-127296	GELC
R-67	1242.6	08/09/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	57.9	—	—	0.453	mg/L	Y	—	NQ	2016-2001	CASA-16-124348	GELC
R-67	1242.6	05/10/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	57.5	—	—	0.453	mg/L	Y	—	NQ	2016-1178	CAMO-16-115290	GELC
R-67	1242.6	02/03/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	57.5	—	—	0.453	mg/L	Y	—	NQ	2016-678	CASA-16-110069	GELC
R-67	1242.6	11/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.69	—	—	0.11	mg/L	Y	—	NQ	2018-853	CASA-18-147995	GELC
R-67	1242.6	08/01/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.2	—	—	0.11	mg/L	Y	—	NQ	2017-2278	CASA-17-142775	GELC
R-67	1242.6	05/03/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.36	—	—	0.11	mg/L	Y	—	NQ	2017-1476	CASA-17-132325	GELC
R-67	1242.6	05/03/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.32	—	—	0.11	mg/L	Y	—	NQ	2017-1476	CASA-17-132338	GELC
R-67	1242.6	02/16/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.04	—	—	0.11	mg/L	Y	—	NQ	2017-1050	CASA-17-129341	GELC
R-67	1242.6	11/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.16	—	—	0.11	mg/L	Y	—	NQ	2017-484	CASA-17-127296	GELC
R-67	1242.6	08/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.09	—	—	0.11	mg/L	Y	—	NQ	2016-2001	CASA-16-124348	GELC
R-67	1242.6	05/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.96	—	—	0.11	mg/L	Y	—	NQ	2016-1178	CAMO-16-115290	GELC
R-67	1242.6	02/03/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.25	—	—	0.11	mg/L	Y	—	NQ	2016-678	CASA-16-110069	GELC
R-67	1242.6	11/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.889	—	—	0.2	µg/L	Y	—	NQ	2018-853	CASA-18-147995	GELC
R-67	1242.6	08/01/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.02	—	—	0.2	µg/L	Y	—	NQ	2017-2278	CASA-17-142775	GELC
R-67	1242.6	05/03/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.38	—	—	0.2	µg/L	Y	—	NQ	2017-1476	CASA-17-132325	GELC
R-67	1242.6	05/03/17	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.46	—	—	0.2	µg/L	Y	—	NQ	2017-1476	CASA-17-132338	GELC
R-67	1242.6	02/16/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.83	—	—	0.3	µg/L	Y	—	NQ	2017-1050	CASA-17-129341	GELC
R-67	1242.6	11/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.04	—	—	0.3	µg/L	Y	—	NQ	2017-484	CASA-17-127296	GELC
R-67	1242.6	08/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.69	—	—	0.165	µg/L	Y	—	NQ	2016-2001	CASA-16-124348	GELC
R-67	1242.6	05/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.49	—	—	0.165	µg/L	Y	—	NQ	2016-1178	CAMO-16-115290	GELC
R-67	1242.6	02/03/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.98	—	—	0.165	µg/L	Y	—	NQ	2016-678	CASA-16-110069	GELC
R-67	1242.6	11/10/17	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	3	2.77	10.4	—	pCi/L	Y	U	U	2018-853	CASA-18-148002	GELC
R-67	1242.6	11/16/16	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.503	2.14	7.66	—	pCi/L	Y	U	U	2017-484	CASA-17-127277	GELC
R-67	1242.6	05/10/16	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.06	2.14	7.61	—	pCi/L	Y	U	U	2016-1178	CAMO-16-115267	GELC
R-67	1242.6	12/03/15	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.93	2.39	8.74	—	pCi/L	Y	U	U	2016-457	CASA-16-106063	GELC
R-67	1242.6	11/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.951	—	—	0.6	µg/L	Y	J	J	2018-853	CASA-18-147995	GELC
R-67	1242.6	02/16/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.898	—	—	0.5	µg/L	Y	J	J	2017-1050	CASA-17-129341	GELC
R-67	1242.6	11/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.683	—	—	0.5	µg/L	Y	J	J	2017-484	CASA-17-127296	GELC
R-67	1242.6	08/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	2	—	—	0.5	µg/L	Y	U	U	2016-2001	CASA-16-124348	GELC
R-67	1242.6	05/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.698	—	—	0.5	µg/L	Y	J	J	2016-1178	CAMO-16-115290	GELC
R-67	1242.6	02/03/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.91	—	—	0.5	µg/L	Y	—	NQ	2016-678	CASA-16-110069	GELC
R-67	1242.6	11/10/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.362	—	—	0.017	mg/L	Y	—	NQ	2018-853	CASA-18-147995	GELC
R-67	1242.6	08/01/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.426	—	—	0.017	mg/L	Y	—	NQ	2017-2278	CASA-17-142775	GELC
R-67	1242.6	05/03/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.371	—	—	0.017	mg/L	Y	—	NQ	2017-1476	CASA-17-132325	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-67	1242.6	05/03/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.371	—	—	0.017	mg/L	Y	—	NQ	2017-1476	CASA-17-132338	GELC
R-67	1242.6	02/16/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.376	—	—	0.017	mg/L	Y	—	NQ	2017-1050	CASA-17-129341	GELC
R-67	1242.6	11/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.391	—	—	0.017	mg/L	Y	—	NQ	2017-484	CASA-17-127296	GELC
R-67	1242.6	08/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.425	—	—	0.017	mg/L	Y	—	NQ	2016-2001	CASA-16-124348	GELC
R-67	1242.6	05/10/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.418	—	—	0.017	mg/L	Y	—	NQ	2016-1178	CAMO-16-115290	GELC
R-67	1242.6	02/03/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.322	—	—	0.017	mg/L	Y	—	NQ	2016-678	CASA-16-110069	GELC
R-67	1242.6	11/10/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.317	—	—	0.05	µg/L	Y	—	NQ	2018-853	CASA-18-147995	GELC
R-67	1242.6	08/01/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.348	—	—	0.05	µg/L	Y	—	NQ	2017-2278	CASA-17-142775	GELC
R-67	1242.6	05/03/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.347	—	—	0.05	µg/L	Y	—	NQ	2017-1476	CASA-17-132325	GELC
R-67	1242.6	05/03/17	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.335	—	—	0.05	µg/L	Y	—	NQ	2017-1476	CASA-17-132338	GELC
R-67	1242.6	02/16/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.344	—	—	0.05	µg/L	Y	—	NQ	2017-1050	CASA-17-129341	GELC
R-67	1242.6	11/16/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.348	—	—	0.05	µg/L	Y	—	NQ	2017-484	CASA-17-127296	GELC
R-67	1242.6	08/09/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.334	—	—	0.05	µg/L	Y	—	NQ	2016-2001	CASA-16-124348	GELC
R-67	1242.6	05/10/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.347	—	—	0.05	µg/L	Y	—	NQ	2016-1178	CAMO-16-115290	GELC
R-67	1242.6	02/03/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.3	—	—	0.05	µg/L	Y	—	NQ	2016-678	CASA-16-110069	GELC
R-67	1242.6	11/10/17	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0125	0.0265	0.0919	—	pCi/L	Y	U	U	2018-853	CASA-18-148002	GELC
R-67	1242.6	11/16/16	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0429	0.0238	0.0585	—	pCi/L	Y	U	U	2017-484	CASA-17-127277	GELC
R-67	1242.6	05/10/16	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00593	0.00593	0.0398	—	pCi/L	Y	U	U	2016-1178	CAMO-16-115267	GELC
R-67	1242.6	12/03/15	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0133	0.0103	0.0526	—	pCi/L	Y	U	U	2016-457	CASA-16-106063	GELC
R-67	1242.6	11/10/17	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00000000208	0.0153	0.131	—	pCi/L	Y	U	U	2018-853	CASA-18-148002	GELC
R-67	1242.6	11/16/16	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00252	0.0104	0.0442	—	pCi/L	Y	U	U	2017-484	CASA-17-127277	GELC
R-67	1242.6	05/10/16	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0119	0.00625	0.035	—	pCi/L	Y	U	U	2016-1178	CAMO-16-115267	GELC
R-67	1242.6	12/03/15	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00392	0.00913	0.0455	—	pCi/L	Y	U	U	2016-457	CASA-16-106063	GELC
R-67	1242.6	11/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.83	—	—	0.05	mg/L	Y	—	NQ	2018-853	CASA-18-147995	GELC
R-67	1242.6	08/01/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.75	—	—	0.05	mg/L	Y	—	NQ	2017-2278	CASA-17-142775	GELC
R-67	1242.6	05/03/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.89	—	—	0.05	mg/L	Y	—	NQ	2017-1476	CASA-17-132325	GELC
R-67	1242.6	05/03/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	1.88	—	—	0.05	mg/L	Y	—	NQ	2017-1476	CASA-17-132338	GELC
R-67	1242.6	02/16/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.85	—	—	0.05	mg/L	Y	—	NQ	2017-1050	CASA-17-129341	GELC
R-67	1242.6	11/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.88	—	—	0.05	mg/L	Y	—	NQ	2017-484	CASA-17-127296	GELC
R-67	1242.6	08/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.87	—	—	0.05	mg/L	Y	—	NQ	2016-2001	CASA-16-124348	GELC
R-67	1242.6	05/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.95	—	—	0.05	mg/L	Y	—	NQ	2016-1178	CAMO-16-115290	GELC
R-67	1242.6	02/03/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.93	—	—	0.05	mg/L	Y	—	NQ	2016-678	CASA-16-110069	GELC
R-67	1242.6	11/10/17	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-44.1	22	83.2	—	pCi/L	Y	U	U	2018-853	CASA-18-148002	GELC
R-67	1242.6	11/16/16	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	9.33	33.6	40.7	—	pCi/L	Y	U	U	2017-484	CASA-17-127277	GELC
R-67	1242.6	05/10/16	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-26.4	13.5	43.5	—	pCi/L	Y	U	U	2016-1178	CAMO-16-115267	GELC
R-67	1242.6	12/03/15	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	3.65	20.7	35.6	—	pCi/L	Y	U	U	2016-457	CASA-16-106063	GELC
R-67	1242.6	02/16/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	Y	2	—	—	2	µg/L	Y	J	J	2017-1050	CASA-17-129341	GELC
R-67	1242.6	11/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	5	—	—	2	µg/L	Y	U	U	2017-484	CASA-17-127296	GELC
R-67	1242.6	08/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	5	—	—	1.5	µg/L	Y	U	U	2016-2001	CASA-16-124348	GELC
R-67	1242.6	05/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	5	—	—	1.5	µg/L	Y	U	U	2016-1178	CAMO-16-115290	GELC
R-67	1242.6	02/03/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	5	—	—	1.5	µg/L	Y	U	U	2016-678	CASA-16-110069	GELC
R-67	1242.6	11/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.1	—	—	0.053	mg/L	Y	—	NQ	2018-853	CASA-18-147995	GELC
R-67	1242.6	08/01/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.4	—	—	0.053	mg/L	Y	—	NQ	2017-2278	CASA-17-142775	GELC
R-67	1242.6	05/03/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.9	—	—	0.053	mg/L	Y	—	NQ	2017-1476	CASA-17-132325	GELC
R-67	1242.6	05/03/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.1	—	—	0.053	mg/L	Y	—	NQ	2017-1476	CASA-17-132338	GELC
R-67	1242.6	02/16/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.4	—	—	0.053	mg/L	Y	—	NQ	2017-1050	CASA-17-129341	GELC
R-67	1242.6	11/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	64.4	—	—	0.053	mg/L	Y	—	NQ	2017-484	CASA-17-127296	GELC
R-67	1242.6	08/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.5	—	—	0.053	mg/L	Y	—	NQ	2016-2001	CASA-16-124348	GELC
R-67	1242.6	05/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.5	—	—	0.053	mg/L	Y	—	NQ	2016-1178	CAMO-16-115290	GELC
R-67	1242.6	02/03/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.3	—	—	0.053	mg/L	Y	—	NQ	2016-678	CASA-16-110069	GELC
R-67	1242.6	11/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.3	—	—	0.1	mg/L	Y	—	NQ	2018-853	CASA-18-147995	GELC
R-67	1242.6	08/01/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.2	—	—	0.1	mg/L	Y	—	NQ	2017-2278	CASA-17-142775	GELC
R-67	1242.6	05/03/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	13.4	—	—	0.1	mg/L	Y	—	NQ	2017-1476	CASA-17-132325	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-67	1242.6	05/03/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	13.3	—	—	0.1	mg/L	Y	—	NQ	2017-1476	CASA-17-132338	GELC
R-67	1242.6	02/16/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	13	—	—	0.1	mg/L	Y	—	NQ	2017-1050	CASA-17-129341	GELC
R-67	1242.6	11/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	14.3	—	—	0.1	mg/L	Y	—	NQ	2017-484	CASA-17-127296	GELC
R-67	1242.6	08/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	13.2	—	—	0.1	mg/L	Y	—	NQ	2016-2001	CASA-16-124348	GELC
R-67	1242.6	05/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	16	—	—	0.1	mg/L	Y	—	NQ	2016-1178	CAMO-16-115290	GELC
R-67	1242.6	02/03/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	16.4	—	—	0.1	mg/L	Y	—	NQ	2016-678	CASA-16-110069	GELC
R-67	1242.6	11/10/17	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.5	1.42	4.61	—	pCi/L	Y	U	U	2018-853	CASA-18-148002	GELC
R-67	1242.6	11/16/16	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.05	1.18	4.05	—	pCi/L	Y	U	U	2017-484	CASA-17-127277	GELC
R-67	1242.6	05/10/16	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.03	0.934	3.18	—	pCi/L	Y	U	U	2016-1178	CAMO-16-115267	GELC
R-67	1242.6	12/03/15	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.26	1.11	3.43	—	pCi/L	Y	U	U	2016-457	CASA-16-106063	GELC
R-67	1242.6	11/10/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	180	—	—	1	µS/cm	Y	—	NQ	2018-853	CASA-18-147995	GELC
R-67	1242.6	08/01/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	201	—	—	1	µS/cm	Y	—	NQ	2017-2278	CASA-17-142775	GELC
R-67	1242.6	05/03/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	180	—	—	1	µS/cm	Y	—	NQ	2017-1476	CASA-17-132325	GELC
R-67	1242.6	05/03/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	180	—	—	1	µS/cm	Y	—	NQ	2017-1476	CASA-17-132338	GELC
R-67	1242.6	02/16/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	176	—	—	1	µS/cm	Y	—	NQ	2017-1050	CASA-17-129341	GELC
R-67	1242.6	11/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	183	—	—	1	µS/cm	Y	—	NQ	2017-484	CASA-17-127296	GELC
R-67	1242.6	08/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	164	—	—	3.63	µS/cm	Y	—	NQ	2016-2001	CASA-16-124348	GELC
R-67	1242.6	05/10/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	187	—	—	3.63	µS/cm	Y	—	NQ	2016-1178	CAMO-16-115290	GELC
R-67	1242.6	02/03/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	207	—	—	1	µS/cm	Y	—	NQ	2016-678	CASA-16-110069	GELC
R-67	1242.6	11/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	83.9	—	—	1	µg/L	Y	—	NQ	2018-853	CASA-18-147995	GELC
R-67	1242.6	08/01/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	82.4	—	—	1	µg/L	Y	—	NQ	2017-2278	CASA-17-142775	GELC
R-67	1242.6	05/03/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	85.5	—	—	1	µg/L	Y	—	NQ	2017-1476	CASA-17-132325	GELC
R-67	1242.6	05/03/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	87.2	—	—	1	µg/L	Y	—	NQ	2017-1476	CASA-17-132338	GELC
R-67	1242.6	02/16/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	81.4	—	—	1	µg/L	Y	—	NQ	2017-1050	CASA-17-129341	GELC
R-67	1242.6	11/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	89.2	—	—	1	µg/L	Y	—	NQ	2017-484	CASA-17-127296	GELC
R-67	1242.6	08/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	84.6	—	—	1	µg/L	Y	—	NQ	2016-2001	CASA-16-124348	GELC
R-67	1242.6	05/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	97.7	—	—	1	µg/L	Y	—	NQ	2016-1178	CAMO-16-115290	GELC
R-67	1242.6	02/03/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	76.6	—	—	1	µg/L	Y	—	NQ	2016-678	CASA-16-110069	GELC
R-67	1242.6	11/10/17	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.351	0.119	0.453	—	pCi/L	Y	U	U	2018-853	CASA-18-148002	GELC
R-67	1242.6	11/16/16	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.331	0.137	0.424	—	pCi/L	Y	U	U	2017-484	CASA-17-127277	GELC
R-67	1242.6	05/10/16	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.21	0.142	0.477	—	pCi/L	Y	U	U	2016-1178	CAMO-16-115267	GELC
R-67	1242.6	12/03/15	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0588	0.137	0.495	—	pCi/L	Y	U	U	2016-457	CASA-16-106063	GELC
R-67	1242.6	11/10/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.19	—	—	0.133	mg/L	Y	—	NQ	2018-853	CASA-18-147995	GELC
R-67	1242.6	08/01/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.45	—	—	0.133	mg/L	Y	—	J+	2017-2278	CASA-17-142775	GELC
R-67	1242.6	05/03/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.47	—	—	0.133	mg/L	Y	—	NQ	2017-1476	CASA-17-132325	GELC
R-67	1242.6	05/03/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.35	—	—	0.133	mg/L	Y	—	NQ	2017-1476	CASA-17-132338	GELC
R-67	1242.6	02/16/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.75	—	—	0.133	mg/L	Y	—	NQ	2017-1050	CASA-17-129341	GELC
R-67	1242.6	11/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.59	—	—	0.133	mg/L	Y	—	NQ	2017-484	CASA-17-127296	GELC
R-67	1242.6	08/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.13	—	—	0.133	mg/L	Y	—	NQ	2016-2001	CASA-16-124348	GELC
R-67	1242.6	05/10/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.72	—	—	0.133	mg/L	Y	—	NQ	2016-1178	CAMO-16-115290	GELC
R-67	1242.6	02/03/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.09	—	—	0.133	mg/L	Y	—	NQ	2016-678	CASA-16-110069	GELC
R-67	1242.6	11/10/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-853	CASA-18-147995	GELC
R-67	1242.6	11/10/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-853	CASA-18-148002	GELC
R-67	1242.6	08/01/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	2017-2278	CASA-17-142020	GELC
R-67	1242.6	08/01/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	2017-2278	CASA-17-142775	GELC
R-67	1242.6	05/03/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	2017-1476	CASA-17-132325	GELC
R-67	1242.6	05/03/17	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	2017-1476	CASA-17-132338	GELC
R-67	1242.6	05/03/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	2017-1476	CASA-17-132334	GELC
R-67	1242.6	05/03/17	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	2017-1476	CASA-17-132337	GELC
R-67	1242.6	08/01/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	2.88	—	—	2.5	µg/L	Y	J	J	2017-2278	CASA-17-142775	GELC
R-67	1242.6	05/03/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	2017-1476	CASA-17-132325	GELC
R-67	1242.6	05/03/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	2017-1476	CASA-17-132338	GELC
R-67	1242.6	02/16/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	2017-1050	CASA-17-129341	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-67	1242.6	11/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	2017-484	CASA-17-127296	GELC
R-67	1242.6	08/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	2016-2001	CASA-16-124348	GELC
R-67	1242.6	11/10/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	127	—	—	3.4	mg/L	Y	—	NQ	2018-853	CASA-18-147995	GELC
R-67	1242.6	08/01/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	153	—	—	3.4	mg/L	Y	—	NQ	2017-2278	CASA-17-142775	GELC
R-67	1242.6	05/03/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	150	—	—	3.4	mg/L	Y	—	NQ	2017-1476	CASA-17-132325	GELC
R-67	1242.6	05/03/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	143	—	—	3.4	mg/L	Y	—	NQ	2017-1476	CASA-17-132338	GELC
R-67	1242.6	02/16/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	144	—	—	3.4	mg/L	Y	—	NQ	2017-1050	CASA-17-129341	GELC
R-67	1242.6	11/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	199	—	—	3.4	mg/L	Y	—	NQ	2017-484	CASA-17-127296	GELC
R-67	1242.6	08/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	139	—	—	3.4	mg/L	Y	—	NQ	2016-2001	CASA-16-124348	GELC
R-67	1242.6	05/10/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	116	—	—	3.4	mg/L	Y	—	NQ	2016-1178	CAMO-16-115290	GELC
R-67	1242.6	02/03/16	WG	F	RE	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	121	—	—	3.4	mg/L	Y	H	NQ	2016-678	CASA-16-110069	GELC
R-67	1242.6	02/03/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	256	—	—	3.4	mg/L	Y	—	NQ	2016-678	CASA-16-110069	GELC
R-67	1242.6	08/01/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0493	—	—	0.033	mg/L	Y	J	J	2017-2278	CASA-17-142020	GELC
R-67	1242.6	05/03/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2017-1476	CASA-17-132334	GELC
R-67	1242.6	05/03/17	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2017-1476	CASA-17-132337	GELC
R-67	1242.6	02/16/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2017-1050	CASA-17-129346	GELC
R-67	1242.6	11/16/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2017-484	CASA-17-127277	GELC
R-67	1242.6	08/09/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2016-2001	CASA-16-124332	GELC
R-67	1242.6	11/10/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.515	—	—	0.33	mg/L	Y	J	J	2018-853	CASA-18-148002	GELC
R-67	1242.6	02/16/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.43	—	—	0.33	mg/L	Y	J	J	2017-1050	CASA-17-129346	GELC
R-67	1242.6	11/16/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.38	—	—	0.33	mg/L	Y	J	J	2017-484	CASA-17-127277	GELC
R-67	1242.6	08/09/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	1	—	—	0.33	mg/L	Y	U	U	2016-2001	CASA-16-124332	GELC
R-67	1242.6	05/10/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	1	—	—	0.33	mg/L	Y	U	U	2016-1178	CAMO-16-115267	GELC
R-67	1242.6	02/03/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.442	—	—	0.33	mg/L	Y	J	J	2016-678	CASA-16-110060	GELC
R-67	1242.6	11/10/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0899	—	—	0.02	mg/L	Y	—	NQ	2018-853	CASA-18-147995	GELC
R-67	1242.6	08/01/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0325	—	—	0.02	mg/L	Y	J	J	2017-2278	CASA-17-142775	GELC
R-67	1242.6	05/03/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.041	—	—	0.02	mg/L	Y	J	J	2017-1476	CASA-17-132325	GELC
R-67	1242.6	05/03/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0354	—	—	0.02	mg/L	Y	J	J	2017-1476	CASA-17-132338	GELC
R-67	1242.6	02/16/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.196	—	—	0.02	mg/L	Y	—	NQ	2017-1050	CASA-17-129341	GELC
R-67	1242.6	11/16/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0382	—	—	0.02	mg/L	Y	J	J	2017-484	CASA-17-127296	GELC
R-67	1242.6	08/09/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.05	—	—	0.02	mg/L	Y	U	U	2016-2001	CASA-16-124348	GELC
R-67	1242.6	05/10/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0269	—	—	0.02	mg/L	Y	J	J	2016-1178	CAMO-16-115290	GELC
R-67	1242.6	02/03/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0372	—	—	0.017	mg/L	Y	J	U	2016-678	CASA-16-110069	GELC
R-67	1242.6	11/10/17	WG	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	N	16.1	41.7	144	—	pCi/L	Y	U	U	2018-853	CASA-18-148002	GELC
R-67	1242.6	11/10/17	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-5.387	1.471	4.508	—	pCi/L	Y	QU	U	2018-932	CASA-18-148002	ARSL
R-67	1242.6	05/03/17	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	2.209	0.886	2.646	—	pCi/L	Y	U	U	2017-1483	CASA-17-132334	ARSL
R-67	1242.6	05/03/17	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.492	0.674	2.244	—	pCi/L	Y	U	U	2017-1483	CASA-17-132337	ARSL
R-67	1242.6	11/16/16	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.219	0.6	2.027	—	pCi/L	Y	U	U	2017-494	CASA-17-127277	ARSL
R-67	1242.6	08/09/16	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.408	0.542	1.866	—	pCi/L	Y	U	U	2016-2034	CASA-16-124332	ARSL
R-67	1242.6	05/10/16	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.29	0.588	1.98	—	pCi/L	Y	U	U	2016-1200	CAMO-16-115267	ARSL
R-67	1242.6	02/03/16	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.691	0.684	2.253	—	pCi/L	Y	U	U	2016-731	CASA-16-110060	ARSL
R-67	1242.6	11/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.09	—	—	0.067	µg/L	Y	—	NQ	2018-853	CASA-18-147995	GELC
R-67	1242.6	08/01/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.15	—	—	0.067	µg/L	Y	—	NQ	2017-2278	CASA-17-142775	GELC
R-67	1242.6	05/03/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.32	—	—	0.067	µg/L	Y	—	NQ	2017-1476	CASA-17-132325	GELC
R-67	1242.6	05/03/17	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	1.39	—	—	0.067	µg/L	Y	—	NQ	2017-1476	CASA-17-132338	GELC
R-67	1242.6	02/16/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.41	—	—	0.067	µg/L	Y	—	NQ	2017-1050	CASA-17-129341	GELC
R-67	1242.6	11/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.46	—	—	0.067	µg/L	Y	—	NQ	2017-484	CASA-17-127296	GELC
R-67	1242.6	08/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.47	—	—	0.067	µg/L	Y	—	J	2016-2001	CASA-16-124348	GELC
R-67	1242.6	05/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.78	—	—	0.067	µg/L	Y	—	NQ	2016-1178	CAMO-16-115290	GELC
R-67	1242.6	02/03/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.96	—	—	0.067	µg/L	Y	—	NQ	2016-678	CASA-16-110069	GELC
R-67	1242.6	11/10/17	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.04	0.0501	0.117	—	pCi/L	Y	—	NQ	2018-853	CASA-18-148002	GELC
R-67	1242.6	11/16/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.3	0.0774	0.183	—	pCi/L	Y	—	NQ	2017-484	CASA-17-127277	GELC
R-67	1242.6	05/10/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.27	0.0587	0.105	—	pCi/L	Y	—	NQ	2016-1178	CAMO-16-115267	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-67	1242.6	12/03/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.3	0.0584	0.1	—	pCi/L	Y	—	NQ	2016-457	CASA-16-106063	GELC
R-67	1242.6	11/10/17	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.113	0.0195	0.0507	—	pCi/L	Y	—	NQ	2018-853	CASA-18-148002	GELC
R-67	1242.6	11/16/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0336	0.0154	0.124	—	pCi/L	Y	U	U	2017-484	CASA-17-127277	GELC
R-67	1242.6	05/10/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.085	0.0179	0.0716	—	pCi/L	Y	—	NQ	2016-1178	CAMO-16-115267	GELC
R-67	1242.6	12/03/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0383	0.0128	0.0686	—	pCi/L	Y	U	U	2016-457	CASA-16-106063	GELC
R-67	1242.6	11/10/17	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.351	0.0311	0.0686	—	pCi/L	Y	—	NQ	2018-853	CASA-18-148002	GELC
R-67	1242.6	11/16/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.566	0.0517	0.141	—	pCi/L	Y	—	J	2017-484	CASA-17-127277	GELC
R-67	1242.6	05/10/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.627	0.0412	0.068	—	pCi/L	Y	—	NQ	2016-1178	CAMO-16-115267	GELC
R-67	1242.6	12/03/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.56	0.0384	0.0861	—	pCi/L	Y	—	NQ	2016-457	CASA-16-106063	GELC
R-67	1242.6	11/10/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.36	—	—	1	µg/L	Y	—	NQ	2018-853	CASA-18-147995	GELC
R-67	1242.6	08/01/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.39	—	—	1	µg/L	Y	—	NQ	2017-2278	CASA-17-142775	GELC
R-67	1242.6	05/03/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.8	—	—	1	µg/L	Y	—	NQ	2017-1476	CASA-17-132325	GELC
R-67	1242.6	05/03/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.4	—	—	1	µg/L	Y	—	NQ	2017-1476	CASA-17-132338	GELC
R-67	1242.6	02/16/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.59	—	—	1	µg/L	Y	—	NQ	2017-1050	CASA-17-129341	GELC
R-67	1242.6	11/16/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.36	—	—	1	µg/L	Y	—	NQ	2017-484	CASA-17-127296	GELC
R-67	1242.6	08/09/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.92	—	—	1	µg/L	Y	—	NQ	2016-2001	CASA-16-124348	GELC
R-67	1242.6	05/10/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.87	—	—	1	µg/L	Y	J	J	2016-1178	CAMO-16-115290	GELC
R-67	1242.6	02/03/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.15	—	—	1	µg/L	Y	—	NQ	2016-678	CASA-16-110069	GELC
SCI-1	358.4	11/13/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.71	—	—	0.01	SU	Y	H	NQ	2018-888	CASA-18-147996	GELC
SCI-1	358.4	11/15/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.7	—	—	0.01	SU	Y	H	NQ	2017-472	CASA-17-127307	GELC
SCI-1	358.4	05/13/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.8	—	—	0.01	SU	Y	H	NQ	2016-1211	CASA-16-115494	GELC
SCI-1	358.4	05/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.49	—	—	0.01	SU	Y	H	NQ	2015-1175	CASA-15-95833	GELC
SCI-1	358.4	11/12/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.81	—	—	0.01	SU	Y	H	NQ	2015-296	CASA-15-90263	GELC
SCI-1	358.4	11/13/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	102	—	—	1.45	mg/L	Y	—	NQ	2018-888	CASA-18-147996	GELC
SCI-1	358.4	11/15/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	102	—	—	1.45	mg/L	Y	—	NQ	2017-472	CASA-17-127307	GELC
SCI-1	358.4	05/13/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	99.8	—	—	0.725	mg/L	Y	—	NQ	2016-1211	CASA-16-115494	GELC
SCI-1	358.4	05/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	101	—	—	0.725	mg/L	Y	—	NQ	2015-1175	CASA-15-95833	GELC
SCI-1	358.4	11/12/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	103	—	—	0.725	mg/L	Y	—	NQ	2015-296	CASA-15-90263	GELC
SCI-1	358.4	11/13/17	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00387	0.00821	0.0344	—	pCi/L	Y	U	U	2018-888	CASA-18-148003	GELC
SCI-1	358.4	11/15/16	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00548	0.0103	0.0684	—	pCi/L	Y	U	U	2017-472	CASA-17-127288	GELC
SCI-1	358.4	11/12/14	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00406	0.00703	0.0848	—	pCi/L	Y	U	U	2015-296	CASA-15-90255	GELC
SCI-1	358.4	11/19/13	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0186	0.0224	0.0809	—	pCi/L	Y	U	U	2014-2516	CASA-14-45710	GELC
SCI-1	358.4	11/02/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.011	0.051	—	pCi/L	Y	U	U	2013-264	CASA-13-24215	GELC
SCI-1	358.4	11/13/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.123	—	—	0.017	mg/L	Y	—	NQ	2018-888	CASA-18-147996	GELC
SCI-1	358.4	11/15/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0467	—	—	0.017	mg/L	Y	J	U	2017-472	CASA-17-127307	GELC
SCI-1	358.4	05/13/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.031	—	—	0.017	mg/L	Y	J	U	2016-1211	CASA-16-115494	GELC
SCI-1	358.4	05/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0625	—	—	0.017	mg/L	Y	—	NQ	2015-1175	CASA-15-95833	GELC
SCI-1	358.4	11/12/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0831	—	—	0.017	mg/L	Y	—	NQ	2015-296	CASA-15-90263	GELC
SCI-1	358.4	11/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.16	—	—	2	µg/L	Y	J	J	2018-888	CASA-18-147996	GELC
SCI-1	358.4	11/15/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.65	—	—	1.7	µg/L	Y	J	J	2017-472	CASA-17-127307	GELC
SCI-1	358.4	05/13/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	4.27	—	—	1.7	µg/L	Y	J	J	2016-1211	CASA-16-115494	GELC
SCI-1	358.4	05/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.67	—	—	1.7	µg/L	Y	J	J	2015-1175	CASA-15-95833	GELC
SCI-1	358.4	11/12/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.17	—	—	1.7	µg/L	Y	J	J	2015-296	CASA-15-90263	GELC
SCI-1	358.4	11/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	30	—	—	1	µg/L	Y	—	NQ	2018-888	CASA-18-147996	GELC
SCI-1	358.4	11/15/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	31.6	—	—	1	µg/L	Y	—	NQ	2017-472	CASA-17-127307	GELC
SCI-1	358.4	05/13/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	36.5	—	—	1	µg/L	Y	—	NQ	2016-1211	CASA-16-115494	GELC
SCI-1	358.4	05/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	33.2	—	—	1	µg/L	Y	—	NQ	2015-1175	CASA-15-95833	GELC
SCI-1	358.4	11/12/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	34.2	—	—	1	µg/L	Y	—	NQ	2015-296	CASA-15-90263	GELC
SCI-1	358.4	11/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	40.8	—	—	15	µg/L	Y	J	J	2018-888	CASA-18-147996	GELC
SCI-1	358.4	11/15/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	77.7	—	—	15	µg/L	Y	—	NQ	2017-472	CASA-17-127307	GELC
SCI-1	358.4	05/13/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	72.2	—	—	15	µg/L	Y	—	NQ	2016-1211	CASA-16-115494	GELC
SCI-1	358.4	05/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	84.5	—	—	15	µg/L	Y	—	NQ	2015-1175	CASA-15-95833	GELC
SCI-1	358.4	11/12/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	75.8	—	—	15	µg/L	Y	—	NQ	2015-296	CASA-15-90263	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
SCI-1	358.4	11/13/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.609	—	—	0.067	mg/L	Y	—	NQ	2018-888	CASA-18-147996	GELC
SCI-1	358.4	11/15/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.63	—	—	0.067	mg/L	Y	—	NQ	2017-472	CASA-17-127307	GELC
SCI-1	358.4	05/13/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.592	—	—	0.067	mg/L	Y	—	NQ	2016-1211	CASA-16-115494	GELC
SCI-1	358.4	05/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.663	—	—	0.067	mg/L	Y	—	NQ	2015-1175	CASA-15-95833	GELC
SCI-1	358.4	11/12/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	4	—	—	1.34	mg/L	Y	U	U	2015-296	CASA-15-90263	GELC
SCI-1	358.4	11/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	56.8	—	—	0.05	mg/L	Y	—	NQ	2018-888	CASA-18-147996	GELC
SCI-1	358.4	11/15/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	56.7	—	—	0.05	mg/L	Y	—	NQ	2017-472	CASA-17-127307	GELC
SCI-1	358.4	05/13/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	59.7	—	—	0.05	mg/L	Y	—	NQ	2016-1211	CASA-16-115494	GELC
SCI-1	358.4	05/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	60.7	—	—	0.05	mg/L	Y	—	NQ	2015-1175	CASA-15-95833	GELC
SCI-1	358.4	11/12/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	58.4	—	—	0.05	mg/L	Y	—	NQ	2015-296	CASA-15-90263	GELC
SCI-1	358.4	11/13/17	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.1	1.04	4.07	—	pCi/L	Y	U	U	2018-888	CASA-18-148003	GELC
SCI-1	358.4	11/15/16	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	4.07	2.21	3.61	—	pCi/L	Y	UI	R	2017-472	CASA-17-127288	GELC
SCI-1	358.4	11/12/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.93	0.603	3.2	—	pCi/L	Y	U	U	2015-296	CASA-15-90255	GELC
SCI-1	358.4	11/19/13	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.1	1.19	4.62	—	pCi/L	Y	U	U	2014-2516	CASA-14-45710	GELC
SCI-1	358.4	11/02/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.0752	1.24	4.55	—	pCi/L	Y	U	U	2013-264	CASA-13-24215	GELC
SCI-1	358.4	11/13/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	114	—	—	1.34	mg/L	Y	—	NQ	2018-888	CASA-18-147996	GELC
SCI-1	358.4	11/15/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	118	—	—	1.34	mg/L	Y	—	NQ	2017-472	CASA-17-127307	GELC
SCI-1	358.4	05/13/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	110	—	—	1.34	mg/L	Y	—	J	2016-1211	CASA-16-115494	GELC
SCI-1	358.4	05/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	112	—	—	1.34	mg/L	Y	—	NQ	2015-1175	CASA-15-95833	GELC
SCI-1	358.4	11/12/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	120	—	—	1.34	mg/L	Y	—	NQ	2015-296	CASA-15-90263	GELC
SCI-1	358.4	11/13/17	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	Y	0.44	—	—	0.3	µg/L	Y	J	J	2018-888	CASA-18-148003	GELC
SCI-1	358.4	11/16/11	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	Y	0.56	—	—	0.25	µg/L	Y	HJ	J-	12-352	CASA-12-1373	GELC
SCI-1	358.4	07/12/10	WG	UF	INIT	FD	VOC	SW-846:8260B	Chloroform	67-66-3	Y	0.48	—	—	0.25	µg/L	Y	J	J	10-3649	CASA-10-22648	GELC
SCI-1	358.4	07/12/10	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	Y	0.56	—	—	0.25	µg/L	Y	J	J	10-3649	CASA-10-22646	GELC
SCI-1	358.4	05/07/10	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	Y	0.5	—	—	0.25	µg/L	Y	J	J	10-3090	CASA-10-16757	GELC
SCI-1	358.4	02/05/10	WG	UF	INIT	FD	VOC	SW-846:8260B	Chloroform	67-66-3	Y	0.53	—	—	0.25	µg/L	Y	J	J	10-1678	CASA-10-9453	GELC
SCI-1	358.4	02/05/10	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	Y	0.53	—	—	0.25	µg/L	Y	J	J	10-1678	CASA-10-9452	GELC
SCI-1	358.4	11/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	9.52	—	—	3	µg/L	Y	J	J	2018-888	CASA-18-147996	GELC
SCI-1	358.4	11/15/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	9.16	—	—	3	µg/L	Y	J	J	2017-472	CASA-17-127307	GELC
SCI-1	358.4	05/13/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	11.9	—	—	2	µg/L	Y	—	U	2016-1211	CASA-16-115494	GELC
SCI-1	358.4	05/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	11.4	—	—	2	µg/L	Y	—	NQ	2015-1175	CASA-15-95833	GELC
SCI-1	358.4	11/12/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	10.2	—	—	2	µg/L	Y	—	NQ	2015-296	CASA-15-90263	GELC
SCI-1	358.4	11/13/17	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.755	1.09	3.89	—	pCi/L	Y	U	U	2018-888	CASA-18-148003	GELC
SCI-1	358.4	11/15/16	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.33	1.56	4.68	—	pCi/L	Y	U	U	2017-472	CASA-17-127288	GELC
SCI-1	358.4	11/12/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.419	1.18	4.73	—	pCi/L	Y	U	U	2015-296	CASA-15-90255	GELC
SCI-1	358.4	11/19/13	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.434	1.27	4.64	—	pCi/L	Y	U	U	2014-2516	CASA-14-45710	GELC
SCI-1	358.4	11/02/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.337	1.16	4.37	—	pCi/L	Y	U	U	2013-264	CASA-13-24215	GELC
SCI-1	358.4	11/13/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.153	—	—	0.033	mg/L	Y	—	NQ	2018-888	CASA-18-147996	GELC
SCI-1	358.4	11/15/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.158	—	—	0.033	mg/L	Y	—	NQ	2017-472	CASA-17-127307	GELC
SCI-1	358.4	05/13/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.123	—	—	0.033	mg/L	Y	—	NQ	2016-1211	CASA-16-115494	GELC
SCI-1	358.4	05/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.16	—	—	0.033	mg/L	Y	—	NQ	2015-1175	CASA-15-95833	GELC
SCI-1	358.4	11/12/14	WG	F	RE	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.165	—	—	0.033	mg/L	Y	H	J-	2015-296	CASA-15-90263	GELC
SCI-1	358.4	11/12/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	1.06	—	—	0.66	mg/L	N	J	R	2015-296	CASA-15-90263	GELC
SCI-1	358.4	11/13/17	WG	UF	RE	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	45.8	2.47	4.75	—	pCi/L	Y	—	NQ	2018-888	CASA-18-148003	GELC
SCI-1	358.4	11/13/17	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	50	3.92	2.95	—	pCi/L	Y	—	NQ	2018-888	CASA-18-148003	GELC
SCI-1	358.4	11/15/16	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.51	0.891	2.91	—	pCi/L	Y	U	U	2017-472	CASA-17-127288	GELC
SCI-1	358.4	11/12/14	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.95	0.711	2.22	—	pCi/L	Y	U	U	2015-296	CASA-15-90255	GELC
SCI-1	358.4	11/19/13	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.761	0.85	2.95	—	pCi/L	Y	U	U	2014-2516	CASA-14-45710	GELC
SCI-1	358.4	11/02/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.88	0.99	2.93	—	pCi/L	Y	U	U	2013-264	CASA-13-24215	GELC
SCI-1	358.4	11/13/17	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	27.3	1.05	2.11	—	pCi/L	Y	—	NQ	2018-888	CASA-18-148003	GELC
SCI-1	358.4	11/15/16	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.24	0.627	1.83	—	pCi/L	Y	—	NQ	2017-472	CASA-17-127288	GELC
SCI-1	358.4	11/12/14	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.84	0.603	1.9	—	pCi/L	Y	—	NQ	2015-296	CASA-15-90255	GELC
SCI-1	358.4	11/19/13	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.32	0.796	2.57	—	pCi/L	Y	U	U	2014-2516	CASA-14-45710	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
SCI-1	358.4	11/02/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.474	0.751	2.7	—	pCi/L	Y	U	U	2013-264	CASA-13-24215	GELC
SCI-1	358.4	11/13/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	177	—	—	0.453	mg/L	Y	—	NQ	2018-888	CASA-18-147996	GELC
SCI-1	358.4	11/15/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	177	—	—	0.453	mg/L	Y	—	NQ	2017-472	CASA-17-127307	GELC
SCI-1	358.4	05/13/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	186	—	—	0.453	mg/L	Y	—	NQ	2016-1211	CASA-16-115494	GELC
SCI-1	358.4	05/07/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	190	—	—	0.453	mg/L	Y	—	NQ	2015-1175	CASA-15-95833	GELC
SCI-1	358.4	11/12/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	182	—	—	0.453	mg/L	Y	—	NQ	2015-296	CASA-15-90263	GELC
SCI-1	358.4	11/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	8.51	—	—	0.11	mg/L	Y	—	NQ	2018-888	CASA-18-147996	GELC
SCI-1	358.4	11/15/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	8.52	—	—	0.11	mg/L	Y	—	NQ	2017-472	CASA-17-127307	GELC
SCI-1	358.4	05/13/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	9.02	—	—	0.11	mg/L	Y	—	NQ	2016-1211	CASA-16-115494	GELC
SCI-1	358.4	05/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	9.33	—	—	0.11	mg/L	Y	—	NQ	2015-1175	CASA-15-95833	GELC
SCI-1	358.4	11/12/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	8.83	—	—	0.11	mg/L	Y	—	NQ	2015-296	CASA-15-90263	GELC
SCI-1	358.4	11/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	67.9	—	—	0.2	µg/L	Y	—	NQ	2018-888	CASA-18-147996	GELC
SCI-1	358.4	11/15/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	76	—	—	0.3	µg/L	Y	—	NQ	2017-472	CASA-17-127307	GELC
SCI-1	358.4	05/13/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	85.7	—	—	0.165	µg/L	Y	—	NQ	2016-1211	CASA-16-115494	GELC
SCI-1	358.4	05/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	73.8	—	—	0.165	µg/L	Y	—	NQ	2015-1175	CASA-15-95833	GELC
SCI-1	358.4	11/12/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	79.6	—	—	0.165	µg/L	Y	—	NQ	2015-296	CASA-15-90263	GELC
SCI-1	358.4	11/13/17	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.07	1.96	7	—	pCi/L	Y	U	U	2018-888	CASA-18-148003	GELC
SCI-1	358.4	11/15/16	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.04	2.05	7.49	—	pCi/L	Y	U	U	2017-472	CASA-17-127288	GELC
SCI-1	358.4	11/12/14	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.13	2.46	9.1	—	pCi/L	Y	U	U	2015-296	CASA-15-90255	GELC
SCI-1	358.4	11/19/13	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.31	2.49	8.36	—	pCi/L	Y	U	U	2014-2516	CASA-14-45710	GELC
SCI-1	358.4	11/02/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.3	2.51	9.02	—	pCi/L	Y	U	U	2013-264	CASA-13-24215	GELC
SCI-1	358.4	11/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	3.96	—	—	0.6	µg/L	Y	—	NQ	2018-888	CASA-18-147996	GELC
SCI-1	358.4	11/15/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.96	—	—	0.5	µg/L	Y	—	NQ	2017-472	CASA-17-127307	GELC
SCI-1	358.4	05/13/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	3.87	—	—	0.5	µg/L	Y	—	NQ	2016-1211	CASA-16-115494	GELC
SCI-1	358.4	05/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	8.07	—	—	0.5	µg/L	Y	—	NQ	2015-1175	CASA-15-95833	GELC
SCI-1	358.4	11/12/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	5.09	—	—	0.5	µg/L	Y	—	NQ	2015-296	CASA-15-90263	GELC
SCI-1	358.4	11/13/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.63	—	—	0.085	mg/L	Y	—	NQ	2018-888	CASA-18-147996	GELC
SCI-1	358.4	11/15/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.54	—	—	0.085	mg/L	Y	—	NQ	2017-472	CASA-17-127307	GELC
SCI-1	358.4	05/13/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.68	—	—	0.085	mg/L	Y	—	NQ	2016-1211	CASA-16-115494	GELC
SCI-1	358.4	05/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.84	—	—	0.085	mg/L	Y	—	NQ	2015-1175	CASA-15-95833	GELC
SCI-1	358.4	11/12/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.95	—	—	0.085	mg/L	Y	—	NQ	2015-296	CASA-15-90263	GELC
SCI-1	358.4	11/13/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.826	—	—	0.05	µg/L	Y	—	NQ	2018-888	CASA-18-147996	GELC
SCI-1	358.4	11/15/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.807	—	—	0.05	µg/L	Y	—	NQ	2017-472	CASA-17-127307	GELC
SCI-1	358.4	05/13/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.659	—	—	0.05	µg/L	Y	—	NQ	2016-1211	CASA-16-115494	GELC
SCI-1	358.4	05/07/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.642	—	—	0.05	µg/L	Y	—	NQ	2015-1175	CASA-15-95833	GELC
SCI-1	358.4	11/12/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.667	—	—	0.05	µg/L	Y	—	NQ	2015-296	CASA-15-90263	GELC
SCI-1	358.4	11/13/17	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0812	0.0512	0.0855	—	pCi/L	Y	U	U	2018-888	CASA-18-148003	GELC
SCI-1	358.4	11/15/16	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00218	0.00578	0.0506	—	pCi/L	Y	U	U	2017-472	CASA-17-127288	GELC
SCI-1	358.4	11/12/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00521	0.00521	0.0349	—	pCi/L	Y	U	U	2015-296	CASA-15-90255	GELC
SCI-1	358.4	11/19/13	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.012	0.0207	0.061	—	pCi/L	Y	U	U	2014-2516	CASA-14-45710	GELC
SCI-1	358.4	11/02/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.007	0.007	0.0336	—	pCi/L	Y	U	U	2013-264	CASA-13-24215	GELC
SCI-1	358.4	11/13/17	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0058	0.0225	0.122	—	pCi/L	Y	U	U	2018-888	CASA-18-148003	GELC
SCI-1	358.4	11/15/16	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0371	0.0121	0.0382	—	pCi/L	Y	U	U	2017-472	CASA-17-127288	GELC
SCI-1	358.4	11/12/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00782	0.00782	0.0515	—	pCi/L	Y	U	U	2015-296	CASA-15-90255	GELC
SCI-1	358.4	11/19/13	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.012	0.0189	0.0936	—	pCi/L	Y	U	U	2014-2516	CASA-14-45710	GELC
SCI-1	358.4	11/02/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.007	0.007	0.0559	—	pCi/L	Y	U	U	2013-264	CASA-13-24215	GELC
SCI-1	358.4	11/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.45	—	—	0.05	mg/L	Y	—	NQ	2018-888	CASA-18-147996	GELC
SCI-1	358.4	11/15/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.56	—	—	0.05	mg/L	Y	—	NQ	2017-472	CASA-17-127307	GELC
SCI-1	358.4	05/13/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.73	—	—	0.05	mg/L	Y	—	NQ	2016-1211	CASA-16-115494	GELC
SCI-1	358.4	05/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.53	—	—	0.05	mg/L	Y	—	NQ	2015-1175	CASA-15-95833	GELC
SCI-1	358.4	11/12/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.56	—	—	0.05	mg/L	Y	—	NQ	2015-296	CASA-15-90263	GELC
SCI-1	358.4	11/13/17	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	1.97	20.2	48.2	—	pCi/L	Y	U	U	2018-888	CASA-18-148003	GELC
SCI-1	358.4	11/15/16	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-9.74	14.5	56.8	—	pCi/L	Y	U	U	2017-472	CASA-17-127288	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
SCI-1	358.4	11/12/14	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-10.6	17.9	61.2	—	pCi/L	Y	U	U	2015-296	CASA-15-90255	GELC
SCI-1	358.4	11/19/13	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	42.5	19	44.9	—	pCi/L	Y	U	U	2014-2516	CASA-14-45710	GELC
SCI-1	358.4	11/02/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	2.49	15.7	56.3	—	pCi/L	Y	U	U	2013-264	CASA-13-24215	GELC
SCI-1	358.4	11/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	60.9	—	—	0.053	mg/L	Y	—	NQ	2018-888	CASA-18-147996	GELC
SCI-1	358.4	11/15/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	58.3	—	—	0.053	mg/L	Y	—	NQ	2017-472	CASA-17-127307	GELC
SCI-1	358.4	05/13/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	63	—	—	0.053	mg/L	Y	—	NQ	2016-1211	CASA-16-115494	GELC
SCI-1	358.4	05/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	62.3	—	—	0.053	mg/L	Y	—	NQ	2015-1175	CASA-15-95833	GELC
SCI-1	358.4	11/12/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	59.4	—	—	0.053	mg/L	Y	—	NQ	2015-296	CASA-15-90263	GELC
SCI-1	358.4	11/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	63.1	—	—	0.1	mg/L	Y	—	NQ	2018-888	CASA-18-147996	GELC
SCI-1	358.4	11/15/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	61.8	—	—	0.1	mg/L	Y	—	NQ	2017-472	CASA-17-127307	GELC
SCI-1	358.4	05/13/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	58.1	—	—	0.1	mg/L	Y	—	NQ	2016-1211	CASA-16-115494	GELC
SCI-1	358.4	05/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	61.4	—	—	0.1	mg/L	Y	—	NQ	2015-1175	CASA-15-95833	GELC
SCI-1	358.4	11/12/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	56.9	—	—	0.1	mg/L	Y	—	NQ	2015-296	CASA-15-90263	GELC
SCI-1	358.4	11/13/17	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.0122	0.85	3.07	—	pCi/L	Y	U	U	2018-888	CASA-18-148003	GELC
SCI-1	358.4	11/15/16	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.658	1.24	4.99	—	pCi/L	Y	U	U	2017-472	CASA-17-127288	GELC
SCI-1	358.4	11/12/14	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.367	1.33	5.01	—	pCi/L	Y	U	U	2015-296	CASA-15-90255	GELC
SCI-1	358.4	11/19/13	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.34	1.11	4.55	—	pCi/L	Y	U	U	2014-2516	CASA-14-45710	GELC
SCI-1	358.4	11/02/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.755	1.2	4.19	—	pCi/L	Y	U	U	2013-264	CASA-13-24215	GELC
SCI-1	358.4	11/13/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	715	—	—	1	µS/cm	Y	—	NQ	2018-888	CASA-18-147996	GELC
SCI-1	358.4	11/15/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	679	—	—	1	µS/cm	Y	—	NQ	2017-472	CASA-17-127307	GELC
SCI-1	358.4	05/13/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	759	—	—	3.63	µS/cm	Y	—	NQ	2016-1211	CASA-16-115494	GELC
SCI-1	358.4	05/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	674	—	—	3.63	µS/cm	Y	—	NQ	2015-1175	CASA-15-95833	GELC
SCI-1	358.4	11/12/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	668	—	—	3.63	µS/cm	Y	—	NQ	2015-296	CASA-15-90263	GELC
SCI-1	358.4	11/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	250	—	—	1	µg/L	Y	—	NQ	2018-888	CASA-18-147996	GELC
SCI-1	358.4	11/15/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	246	—	—	1	µg/L	Y	—	NQ	2017-472	CASA-17-127307	GELC
SCI-1	358.4	05/13/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	255	—	—	1	µg/L	Y	—	NQ	2016-1211	CASA-16-115494	GELC
SCI-1	358.4	05/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	253	—	—	1	µg/L	Y	—	NQ	2015-1175	CASA-15-95833	GELC
SCI-1	358.4	11/12/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	261	—	—	1	µg/L	Y	—	NQ	2015-296	CASA-15-90263	GELC
SCI-1	358.4	11/13/17	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.124	0.128	0.445	—	pCi/L	Y	U	U	2018-888	CASA-18-148003	GELC
SCI-1	358.4	11/15/16	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.095	0.108	0.377	—	pCi/L	Y	U	U	2017-472	CASA-17-127288	GELC
SCI-1	358.4	11/12/14	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.232	0.12	0.471	—	pCi/L	Y	U	U	2015-296	CASA-15-90255	GELC
SCI-1	358.4	11/19/13	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.185	0.144	0.485	—	pCi/L	Y	U	U	2014-2516	CASA-14-45710	GELC
SCI-1	358.4	11/02/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0567	0.131	0.485	—	pCi/L	Y	U	U	2013-264	CASA-13-24215	GELC
SCI-1	358.4	11/13/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	46.9	—	—	2.66	mg/L	Y	—	NQ	2018-888	CASA-18-147996	GELC
SCI-1	358.4	11/15/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	45.5	—	—	2.66	mg/L	Y	—	NQ	2017-472	CASA-17-127307	GELC
SCI-1	358.4	05/13/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	42	—	—	2.66	mg/L	Y	—	NQ	2016-1211	CASA-16-115494	GELC
SCI-1	358.4	05/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	47.6	—	—	2.66	mg/L	Y	—	NQ	2015-1175	CASA-15-95833	GELC
SCI-1	358.4	11/12/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	52.9	—	—	2.66	mg/L	Y	—	NQ	2015-296	CASA-15-90263	GELC
SCI-1	358.4	11/13/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-888	CASA-18-147996	GELC
SCI-1	358.4	11/13/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-888	CASA-18-148003	GELC
SCI-1	358.4	11/13/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	431	—	—	3.4	mg/L	Y	—	NQ	2018-888	CASA-18-147996	GELC
SCI-1	358.4	11/15/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	504	—	—	3.4	mg/L	Y	—	NQ	2017-472	CASA-17-127307	GELC
SCI-1	358.4	05/13/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	493	—	—	3.4	mg/L	Y	—	NQ	2016-1211	CASA-16-115494	GELC
SCI-1	358.4	05/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	424	—	—	3.4	mg/L	Y	—	NQ	2015-1175	CASA-15-95833	GELC
SCI-1	358.4	11/12/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	459	—	—	3.4	mg/L	Y	—	NQ	2015-296	CASA-15-90263	GELC
SCI-1	358.4	11/13/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.13	—	—	0.33	mg/L	Y	—	NQ	2018-888	CASA-18-148003	GELC
SCI-1	358.4	11/15/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.905	—	—	0.33	mg/L	Y	J	J	2017-472	CASA-17-127288	GELC
SCI-1	358.4	05/13/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.997	—	—	0.33	mg/L	Y	J	J	2016-1211	CASA-16-115485	GELC
SCI-1	358.4	05/07/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.3	—	—	0.33	mg/L	Y	—	NQ	2015-1175	CASA-15-95824	GELC
SCI-1	358.4	11/12/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.3	—	—	0.33	mg/L	Y	—	NQ	2015-296	CASA-15-90255	GELC
SCI-1	358.4	11/13/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	1.31	—	—	0.02	mg/L	Y	—	NQ	2018-888	CASA-18-147996	GELC
SCI-1	358.4	11/15/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	1.32	—	—	0.02	mg/L	Y	—	NQ	2017-472	CASA-17-127307	GELC
SCI-1	358.4	05/13/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.994	—	—	0.02	mg/L	Y	—	NQ	2016-1211	CASA-16-115494	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
SCI-1	358.4	05/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.845	—	—	0.017	mg/L	Y	—	NQ	2015-1175	CASA-15-95833	GELC
SCI-1	358.4	11/12/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.889	—	—	0.017	mg/L	Y	—	NQ	2015-296	CASA-15-90263	GELC
SCI-1	358.4	11/13/17	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	28.635	4.482	2.924	—	pCi/L	Y	Q	NQ	2018-932	CASA-18-148003	ARSL
SCI-1	358.4	11/15/16	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	30.361	4.726	2.596	—	pCi/L	Y	—	J-	2017-494	CASA-17-127288	ARSL
SCI-1	358.4	11/12/14	WG	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	N	19.5	56.6	202	—	pCi/L	Y	U	U	2015-296	CASA-15-90255	GELC
SCI-1	358.4	11/19/13	WG	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	N	23.2	45.6	163	—	pCi/L	Y	U	U	2014-2516	CASA-14-45710	GELC
SCI-1	358.4	11/02/12	WG	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	N	56.6	45.7	152	—	pCi/L	Y	U	U	2013-264	CASA-13-24215	GELC
SCI-1	358.4	11/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.52	—	—	0.067	µg/L	Y	—	NQ	2018-888	CASA-18-147996	GELC
SCI-1	358.4	11/15/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.53	—	—	0.067	µg/L	Y	—	NQ	2017-472	CASA-17-127307	GELC
SCI-1	358.4	05/13/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.72	—	—	0.067	µg/L	Y	—	NQ	2016-1211	CASA-16-115494	GELC
SCI-1	358.4	05/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	2	—	—	0.067	µg/L	Y	—	NQ	2015-1175	CASA-15-95833	GELC
SCI-1	358.4	11/12/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.84	—	—	0.067	µg/L	Y	—	NQ	2015-296	CASA-15-90263	GELC
SCI-1	358.4	11/13/17	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.86	0.0718	0.136	—	pCi/L	Y	—	NQ	2018-888	CASA-18-148003	GELC
SCI-1	358.4	11/15/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.03	0.0507	0.105	—	pCi/L	Y	—	NQ	2017-472	CASA-17-127288	GELC
SCI-1	358.4	11/12/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.43	0.0713	0.0687	—	pCi/L	Y	—	NQ	2015-296	CASA-15-90255	GELC
SCI-1	358.4	11/19/13	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.41	0.0905	0.114	—	pCi/L	Y	—	J	2014-2516	CASA-14-45710	GELC
SCI-1	358.4	11/02/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.34	0.0666	0.0734	—	pCi/L	Y	—	NQ	2013-264	CASA-13-24215	GELC
SCI-1	358.4	11/13/17	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.158	0.0236	0.0587	—	pCi/L	Y	—	NQ	2018-888	CASA-18-148003	GELC
SCI-1	358.4	11/15/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0598	0.014	0.0708	—	pCi/L	Y	U	U	2017-472	CASA-17-127288	GELC
SCI-1	358.4	11/12/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0622	0.0181	0.0598	—	pCi/L	Y	—	NQ	2015-296	CASA-15-90255	GELC
SCI-1	358.4	11/19/13	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0695	0.026	0.0717	—	pCi/L	Y	U	U	2014-2516	CASA-14-45710	GELC
SCI-1	358.4	11/02/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0352	0.0141	0.0459	—	pCi/L	Y	U	U	2013-264	CASA-13-24215	GELC
SCI-1	358.4	11/13/17	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.935	0.0509	0.0794	—	pCi/L	Y	—	NQ	2018-888	CASA-18-148003	GELC
SCI-1	358.4	11/15/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.544	0.0366	0.0804	—	pCi/L	Y	—	NQ	2017-472	CASA-17-127288	GELC
SCI-1	358.4	11/12/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.698	0.0491	0.0658	—	pCi/L	Y	—	NQ	2015-296	CASA-15-90255	GELC
SCI-1	358.4	11/19/13	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.681	0.0634	0.0604	—	pCi/L	Y	—	J	2014-2516	CASA-14-45710	GELC
SCI-1	358.4	11/02/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.636	0.0453	0.0499	—	pCi/L	Y	—	NQ	2013-264	CASA-13-24215	GELC
SCI-1	358.4	11/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.15	—	—	1	µg/L	Y	J	J	2018-888	CASA-18-147996	GELC
SCI-1	358.4	11/15/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.76	—	—	1	µg/L	Y	J	J	2017-472	CASA-17-127307	GELC
SCI-1	358.4	05/13/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.16	—	—	1	µg/L	Y	J	J	2016-1211	CASA-16-115494	GELC
SCI-1	358.4	05/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.88	—	—	1	µg/L	Y	J	J	2015-1175	CASA-15-95833	GELC
SCI-1	358.4	11/12/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.68	—	—	1	µg/L	Y	J	J	2015-296	CASA-15-90263	GELC
SCI-1	358.4	11/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	3.9	—	—	3.3	µg/L	Y	J	J	2018-888	CASA-18-147996	GELC
SCI-1	358.4	11/15/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2017-472	CASA-17-127307	GELC
SCI-1	358.4	05/13/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	12.8	—	—	3.3	µg/L	Y	—	NQ	2016-1211	CASA-16-115494	GELC
SCI-1	358.4	05/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	2015-1175	CASA-15-95833	GELC
SCI-1	358.4	11/12/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	11.8	—	—	3.3	µg/L	Y	—	NQ	2015-296	CASA-15-90263	GELC
SCI-2	548.0	11/13/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.71	—	—	0.01	SU	Y	H	NQ	2018-888	CASA-18-147997	GELC
SCI-2	548.0	11/13/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.71	—	—	0.01	SU	Y	H	NQ	2018-888	CASA-18-148011	GELC
SCI-2	548.0	07/31/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.68	—	—	0.01	SU	Y	H	NQ	2017-2224	CASA-17-142013	GELC
SCI-2	548.0	05/04/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.64	—	—	0.01	SU	Y	H	NQ	2017-1486	CASA-17-132327	GELC
SCI-2	548.0	02/14/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.66	—	—	0.01	SU	Y	H	NQ	2017-1017	CASA-17-129661	GELC
SCI-2	548.0	11/18/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.72	—	—	0.01	SU	Y	H	NQ	2017-524	CASA-17-127308	GELC
SCI-2	548.0	08/02/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.71	—	—	0.01	SU	Y	H	NQ	2016-1873	CASA-16-124352	GELC
SCI-2	548.0	05/18/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.82	—	—	0.01	SU	Y	H	NQ	2016-1233	CASA-16-115495	GELC
SCI-2	548.0	02/11/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.64	—	—	0.01	SU	Y	H	NQ	2016-743	CASA-16-110071	GELC
SCI-2	548.0	11/13/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	90.7	—	—	1.45	mg/L	Y	—	NQ	2018-888	CASA-18-147997	GELC
SCI-2	548.0	11/13/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	90.1	—	—	1.45	mg/L	Y	—	NQ	2018-888	CASA-18-148011	GELC
SCI-2	548.0	07/31/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	89.8	—	—	1.45	mg/L	Y	—	NQ	2017-2224	CASA-17-142013	GELC
SCI-2	548.0	05/04/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	90.4	—	—	1.45	mg/L	Y	—	NQ	2017-1486	CASA-17-132327	GELC
SCI-2	548.0	02/14/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	90	—	—	1.45	mg/L	Y	—	NQ	2017-1017	CASA-17-129661	GELC
SCI-2	548.0	11/18/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	92.8	—	—	1.45	mg/L	Y	—	NQ	2017-524	CASA-17-127308	GELC
SCI-2	548.0	08/02/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	88.4	—	—	1.45	mg/L	Y	—	NQ	2016-1873	CASA-16-124352	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
SCI-2	548.0	05/18/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	82.9	—	—	0.725	mg/L	Y	—	NQ	2016-1233	CASA-16-115495	GELC
SCI-2	548.0	02/11/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	86	—	—	0.725	mg/L	Y	—	NQ	2016-743	CASA-16-110071	GELC
SCI-2	548.0	11/13/17	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0165	0.0097	0.0368	—	pCi/L	Y	U	U	2018-888	CASA-18-148004	GELC
SCI-2	548.0	11/13/17	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0143	0.00678	0.0364	—	pCi/L	Y	U	U	2018-888	CASA-18-148012	GELC
SCI-2	548.0	11/18/16	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0108	0.00952	0.0898	—	pCi/L	Y	U	U	2017-524	CASA-17-127289	GELC
SCI-2	548.0	11/13/15	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0252	0.0116	0.0378	—	pCi/L	Y	U	U	2016-333	CASA-16-106248	GELC
SCI-2	548.0	11/13/15	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0125	0.00992	0.0423	—	pCi/L	Y	U	U	2016-333	CASA-16-106220	GELC
SCI-2	548.0	11/12/14	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0071	0.0071	0.0741	—	pCi/L	Y	U	U	2015-296	CASA-15-90256	GELC
SCI-2	548.0	11/05/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0183	0.00782	0.0297	—	pCi/L	Y	U	U	2013-270	CASA-13-24216	GELC
SCI-2	548.0	11/13/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0716	—	—	0.017	mg/L	Y	—	NQ	2018-888	CASA-18-147997	GELC
SCI-2	548.0	11/13/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0421	—	—	0.017	mg/L	Y	J	J	2018-888	CASA-18-148011	GELC
SCI-2	548.0	02/14/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.137	—	—	0.017	mg/L	Y	—	NQ	2017-1017	CASA-17-129661	GELC
SCI-2	548.0	11/18/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.269	—	—	0.017	mg/L	Y	—	J	2017-524	CASA-17-127308	GELC
SCI-2	548.0	08/02/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.082	—	—	0.017	mg/L	Y	—	U	2016-1873	CASA-16-124352	GELC
SCI-2	548.0	05/18/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0415	—	—	0.017	mg/L	Y	J	U	2016-1233	CASA-16-115495	GELC
SCI-2	548.0	02/11/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.111	—	—	0.017	mg/L	Y	—	NQ	2016-743	CASA-16-110071	GELC
SCI-2	548.0	11/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	72.4	—	—	1	µg/L	Y	—	NQ	2018-888	CASA-18-147997	GELC
SCI-2	548.0	11/13/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	75.1	—	—	1	µg/L	Y	—	NQ	2018-888	CASA-18-148011	GELC
SCI-2	548.0	07/31/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	70.1	—	—	1	µg/L	Y	—	NQ	2017-2224	CASA-17-142013	GELC
SCI-2	548.0	05/04/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	71.2	—	—	1	µg/L	Y	—	NQ	2017-1486	CASA-17-132327	GELC
SCI-2	548.0	02/14/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	74.2	—	—	1	µg/L	Y	—	NQ	2017-1017	CASA-17-129661	GELC
SCI-2	548.0	11/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	76.7	—	—	1	µg/L	Y	—	NQ	2017-524	CASA-17-127308	GELC
SCI-2	548.0	08/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	70	—	—	1	µg/L	Y	—	NQ	2016-1873	CASA-16-124352	GELC
SCI-2	548.0	05/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	70.3	—	—	1	µg/L	Y	—	NQ	2016-1233	CASA-16-115495	GELC
SCI-2	548.0	02/11/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	69	—	—	1	µg/L	Y	—	NQ	2016-743	CASA-16-110071	GELC
SCI-2	548.0	07/31/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	19.2	—	—	15	µg/L	Y	J	J	2017-2224	CASA-17-142013	GELC
SCI-2	548.0	05/04/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	19.1	—	—	15	µg/L	Y	J	J	2017-1486	CASA-17-132327	GELC
SCI-2	548.0	02/14/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	21.9	—	—	15	µg/L	Y	J	J	2017-1017	CASA-17-129661	GELC
SCI-2	548.0	11/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	20.7	—	—	15	µg/L	Y	J	J	2017-524	CASA-17-127308	GELC
SCI-2	548.0	08/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	15.3	—	—	15	µg/L	Y	J	J	2016-1873	CASA-16-124352	GELC
SCI-2	548.0	05/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	17.4	—	—	15	µg/L	Y	J	J	2016-1233	CASA-16-115495	GELC
SCI-2	548.0	02/11/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	20.6	—	—	15	µg/L	Y	J	J	2016-743	CASA-16-110071	GELC
SCI-2	548.0	11/13/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.688	—	—	0.067	mg/L	Y	—	NQ	2018-888	CASA-18-147997	GELC
SCI-2	548.0	11/13/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.695	—	—	0.067	mg/L	Y	—	NQ	2018-888	CASA-18-148011	GELC
SCI-2	548.0	07/31/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.664	—	—	0.067	mg/L	Y	—	NQ	2017-2224	CASA-17-142013	GELC
SCI-2	548.0	05/04/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.664	—	—	0.067	mg/L	Y	—	NQ	2017-1486	CASA-17-132327	GELC
SCI-2	548.0	02/14/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.65	—	—	0.067	mg/L	Y	—	NQ	2017-1017	CASA-17-129661	GELC
SCI-2	548.0	11/18/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.651	—	—	0.067	mg/L	Y	—	NQ	2017-524	CASA-17-127308	GELC
SCI-2	548.0	08/02/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.654	—	—	0.067	mg/L	Y	—	NQ	2016-1873	CASA-16-124352	GELC
SCI-2	548.0	05/18/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.643	—	—	0.067	mg/L	Y	—	NQ	2016-1233	CASA-16-115495	GELC
SCI-2	548.0	02/11/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.666	—	—	0.067	mg/L	Y	—	NQ	2016-743	CASA-16-110071	GELC
SCI-2	548.0	11/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	69.8	—	—	0.05	mg/L	Y	—	NQ	2018-888	CASA-18-147997	GELC
SCI-2	548.0	11/13/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	71.4	—	—	0.05	mg/L	Y	—	NQ	2018-888	CASA-18-148011	GELC
SCI-2	548.0	07/31/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	66.7	—	—	0.05	mg/L	Y	—	NQ	2017-2224	CASA-17-142013	GELC
SCI-2	548.0	05/04/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	67.6	—	—	0.05	mg/L	Y	—	NQ	2017-1486	CASA-17-132327	GELC
SCI-2	548.0	02/14/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	70	—	—	0.05	mg/L	Y	—	NQ	2017-1017	CASA-17-129661	GELC
SCI-2	548.0	11/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	71.1	—	—	0.05	mg/L	Y	—	J-	2017-524	CASA-17-127308	GELC
SCI-2	548.0	08/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	70.5	—	—	0.05	mg/L	Y	—	NQ	2016-1873	CASA-16-124352	GELC
SCI-2	548.0	05/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	68	—	—	0.05	mg/L	Y	—	NQ	2016-1233	CASA-16-115495	GELC
SCI-2	548.0	02/11/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	64.9	—	—	0.05	mg/L	Y	—	NQ	2016-743	CASA-16-110071	GELC
SCI-2	548.0	11/13/17	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.94	1.07	3.79	—	pCi/L	Y	U	U	2018-888	CASA-18-148004	GELC
SCI-2	548.0	11/13/17	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.18	1.03	2.88	—	pCi/L	Y	U	U	2018-888	CASA-18-148012	GELC
SCI-2	548.0	11/18/16	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.346	1.24	3.92	—	pCi/L	Y	U	U	2017-524	CASA-17-127289	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
SCI-2	548.0	11/13/15	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.79	1.7	5.69	—	pCi/L	Y	U	U	2016-333	CASA-16-106248	GELC
SCI-2	548.0	11/13/15	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.24	1.48	5.69	—	pCi/L	Y	U	U	2016-333	CASA-16-106220	GELC
SCI-2	548.0	11/12/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	6.04	1.76	4.48	—	pCi/L	Y	UI	R	2015-296	CASA-15-90256	GELC
SCI-2	548.0	11/05/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.947	1.43	4.88	—	pCi/L	Y	U	U	2013-270	CASA-13-24216	GELC
SCI-2	548.0	11/13/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	72.9	—	—	0.67	mg/L	Y	—	NQ	2018-888	CASA-18-147997	GELC
SCI-2	548.0	11/13/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	73.5	—	—	0.67	mg/L	Y	—	NQ	2018-888	CASA-18-148011	GELC
SCI-2	548.0	07/31/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	69.7	—	—	0.67	mg/L	Y	—	NQ	2017-2224	CASA-17-142013	GELC
SCI-2	548.0	05/04/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	70.5	—	—	0.67	mg/L	Y	—	NQ	2017-1486	CASA-17-132327	GELC
SCI-2	548.0	02/14/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	70.6	—	—	0.67	mg/L	Y	—	NQ	2017-1017	CASA-17-129661	GELC
SCI-2	548.0	11/18/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	93	—	—	0.067	mg/L	Y	—	NQ	2017-524	CASA-17-127308	GELC
SCI-2	548.0	08/02/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	69.5	—	—	0.67	mg/L	Y	—	NQ	2016-1873	CASA-16-124352	GELC
SCI-2	548.0	05/18/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	67.7	—	—	0.67	mg/L	Y	—	NQ	2016-1233	CASA-16-115495	GELC
SCI-2	548.0	02/11/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	68.7	—	—	0.67	mg/L	Y	—	NQ	2016-743	CASA-16-110071	GELC
SCI-2	548.0	11/13/17	WG	UF	INIT	FD	VOC	SW-846:8260B	Chloroform	67-66-3	Y	0.46	—	—	0.3	µg/L	Y	J	J	2018-888	CASA-18-148012	GELC
SCI-2	548.0	11/13/17	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	Y	0.45	—	—	0.3	µg/L	Y	J	J	2018-888	CASA-18-148004	GELC
SCI-2	548.0	11/13/15	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	Y	0.36	—	—	0.3	µg/L	Y	HJ	J-	2016-333	CASA-16-106248	GELC
SCI-2	548.0	11/13/15	WG	UF	INIT	FD	VOC	SW-846:8260B	Chloroform	67-66-3	Y	0.37	—	—	0.3	µg/L	Y	HJ	J-	2016-333	CASA-16-106220	GELC
SCI-2	548.0	11/14/11	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	Y	0.31	—	—	0.25	µg/L	Y	J	J	12-331	CASA-12-1376	GELC
SCI-2	548.0	07/15/10	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	Y	0.37	—	—	0.25	µg/L	Y	J	J	10-3716	CASA-10-22650	GELC
SCI-2	548.0	05/06/10	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	Y	0.33	—	—	0.25	µg/L	Y	J	J	10-3084	CASA-10-16763	GELC
SCI-2	548.0	11/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	387	—	—	30	µg/L	Y	—	NQ	2018-888	CASA-18-147997	GELC
SCI-2	548.0	11/13/17	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	331	—	—	30	µg/L	Y	—	NQ	2018-888	CASA-18-148011	GELC
SCI-2	548.0	07/31/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	363	—	—	3	µg/L	Y	—	NQ	2017-2224	CASA-17-142013	GELC
SCI-2	548.0	05/04/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	354	—	—	3	µg/L	Y	—	NQ	2017-1486	CASA-17-132327	GELC
SCI-2	548.0	02/14/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	360	—	—	30	µg/L	Y	—	NQ	2017-1017	CASA-17-129661	GELC
SCI-2	548.0	11/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	354	—	—	3	µg/L	Y	—	NQ	2017-524	CASA-17-127308	GELC
SCI-2	548.0	08/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	385	—	—	2	µg/L	Y	—	NQ	2016-1873	CASA-16-124352	GELC
SCI-2	548.0	05/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	371	—	—	2	µg/L	Y	E	NQ	2016-1233	CASA-16-115495	GELC
SCI-2	548.0	02/11/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	355	—	—	2	µg/L	Y	—	NQ	2016-743	CASA-16-110071	GELC
SCI-2	548.0	05/04/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.15	—	—	—	%	Y	—	NQ	2017-2466	CASA-17-132327	UIL
SCI-2	548.0	11/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.12	—	—	—	%	Y	—	NQ	2017-649	CASA-17-127308	UIL
SCI-2	548.0	08/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.12	—	—	—	%	Y	—	NQ	2017-26	CASA-16-124352	UIL
SCI-2	548.0	05/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.11	—	—	—	%	Y	—	NQ	2016-1263	CASA-16-115495	UIL
SCI-2	548.0	02/11/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.11	—	—	—	%	Y	—	NQ	2016-1023	CASA-16-110071	UIL
SCI-2	548.0	11/13/17	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	4.07	1.02	5.26	—	pCi/L	Y	U	U	2018-888	CASA-18-148004	GELC
SCI-2	548.0	11/13/17	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.775	1.01	3.8	—	pCi/L	Y	U	U	2018-888	CASA-18-148012	GELC
SCI-2	548.0	11/18/16	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.207	0.91	3.56	—	pCi/L	Y	U	U	2017-524	CASA-17-127289	GELC
SCI-2	548.0	11/13/15	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.43	1.4	5.95	—	pCi/L	Y	U	U	2016-333	CASA-16-106248	GELC
SCI-2	548.0	11/13/15	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.06	1.16	4.15	—	pCi/L	Y	U	U	2016-333	CASA-16-106220	GELC
SCI-2	548.0	11/12/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.614	1.3	5.14	—	pCi/L	Y	U	U	2015-296	CASA-15-90256	GELC
SCI-2	548.0	11/05/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.39	1.57	6.69	—	pCi/L	Y	U	U	2013-270	CASA-13-24216	GELC
SCI-2	548.0	11/13/17	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00659	—	—	0.00167	mg/L	Y	—	NQ	2018-888	CASA-18-148004	GELC
SCI-2	548.0	11/13/17	WG	UF	INIT	FD	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00627	—	—	0.00167	mg/L	Y	—	NQ	2018-888	CASA-18-148012	GELC
SCI-2	548.0	07/31/17	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00687	—	—	0.00167	mg/L	Y	—	NQ	2017-2224	CASA-17-142021	GELC
SCI-2	548.0	05/04/17	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.0074	—	—	0.00167	mg/L	Y	—	NQ	2017-1486	CASA-17-132336	GELC
SCI-2	548.0	02/14/17	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00508	—	—	0.00167	mg/L	Y	—	NQ	2017-1017	CASA-17-129662	GELC
SCI-2	548.0	11/18/16	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00449	—	—	0.00167	mg/L	Y	J	J	2017-524	CASA-17-127289	GELC
SCI-2	548.0	08/02/16	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00618	—	—	0.00167	mg/L	Y	—	NQ	2016-1873	CASA-16-124336	GELC
SCI-2	548.0	05/18/16	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00827	—	—	0.00167	mg/L	Y	—	NQ	2016-1233	CASA-16-115486	GELC
SCI-2	548.0	02/11/16	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00588	—	—	0.00167	mg/L	Y	—	J-	2016-743	CASA-16-110062	GELC
SCI-2	548.0	11/13/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.144	—	—	0.033	mg/L	Y	—	NQ	2018-888	CASA-18-147997	GELC
SCI-2	548.0	11/13/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.132	—	—	0.033	mg/L	Y	—	NQ	2018-888	CASA-18-148011	GELC
SCI-2	548.0	07/31/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.107	—	—	0.033	mg/L	Y	—	NQ	2017-2224	CASA-17-142013	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
SCI-2	548.0	05/04/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.176	—	—	0.033	mg/L	Y	—	NQ	2017-1486	CASA-17-132327	GELC
SCI-2	548.0	02/14/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0887	—	—	0.033	mg/L	Y	J	J	2017-1017	CASA-17-129661	GELC
SCI-2	548.0	11/18/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.13	—	—	0.033	mg/L	Y	—	NQ	2017-524	CASA-17-127308	GELC
SCI-2	548.0	08/02/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.109	—	—	0.033	mg/L	Y	—	NQ	2016-1873	CASA-16-124352	GELC
SCI-2	548.0	05/18/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.106	—	—	0.033	mg/L	Y	—	NQ	2016-1233	CASA-16-115495	GELC
SCI-2	548.0	02/11/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.144	—	—	0.033	mg/L	Y	—	NQ	2016-743	CASA-16-110071	GELC
SCI-2	548.0	11/13/17	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.41	0.875	2.83	—	pCi/L	Y	U	U	2018-888	CASA-18-148004	GELC
SCI-2	548.0	11/13/17	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	2.5	1.04	2.83	—	pCi/L	Y	U	U	2018-888	CASA-18-148012	GELC
SCI-2	548.0	11/18/16	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.04	0.945	2.98	—	pCi/L	Y	U	U	2017-524	CASA-17-127289	GELC
SCI-2	548.0	11/13/15	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.13	0.824	2.82	—	pCi/L	Y	U	U	2016-333	CASA-16-106248	GELC
SCI-2	548.0	11/13/15	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	2.08	0.954	2.92	—	pCi/L	Y	U	U	2016-333	CASA-16-106220	GELC
SCI-2	548.0	11/12/14	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.01	0.862	2.96	—	pCi/L	Y	U	U	2015-296	CASA-15-90256	GELC
SCI-2	548.0	11/05/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.21	0.828	2.77	—	pCi/L	Y	U	U	2013-270	CASA-13-24216	GELC
SCI-2	548.0	11/13/17	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.41	0.948	2.78	—	pCi/L	Y	—	NQ	2018-888	CASA-18-148004	GELC
SCI-2	548.0	11/13/17	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	3.27	0.925	2.71	—	pCi/L	Y	—	NQ	2018-888	CASA-18-148012	GELC
SCI-2	548.0	11/18/16	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.24	0.388	1.12	—	pCi/L	Y	—	NQ	2017-524	CASA-17-127289	GELC
SCI-2	548.0	11/13/15	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.41	0.981	2.97	—	pCi/L	Y	—	NQ	2016-333	CASA-16-106248	GELC
SCI-2	548.0	11/13/15	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	5.78	1	2.94	—	pCi/L	Y	—	NQ	2016-333	CASA-16-106220	GELC
SCI-2	548.0	11/12/14	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	5.82	0.553	1.57	—	pCi/L	Y	—	NQ	2015-296	CASA-15-90256	GELC
SCI-2	548.0	11/05/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.82	0.916	2.38	—	pCi/L	Y	—	NQ	2013-270	CASA-13-24216	GELC
SCI-2	548.0	11/13/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	241	—	—	0.453	mg/L	Y	—	NQ	2018-888	CASA-18-147997	GELC
SCI-2	548.0	11/13/17	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	247	—	—	0.453	mg/L	Y	—	NQ	2018-888	CASA-18-148011	GELC
SCI-2	548.0	07/31/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	230	—	—	0.453	mg/L	Y	—	NQ	2017-2224	CASA-17-142013	GELC
SCI-2	548.0	05/04/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	233	—	—	0.453	mg/L	Y	—	NQ	2017-1486	CASA-17-132327	GELC
SCI-2	548.0	02/14/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	244	—	—	0.453	mg/L	Y	—	NQ	2017-1017	CASA-17-129661	GELC
SCI-2	548.0	11/18/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	245	—	—	0.453	mg/L	Y	—	NQ	2017-524	CASA-17-127308	GELC
SCI-2	548.0	08/02/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	242	—	—	0.453	mg/L	Y	—	NQ	2016-1873	CASA-16-124352	GELC
SCI-2	548.0	05/18/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	232	—	—	0.453	mg/L	Y	—	NQ	2016-1233	CASA-16-115495	GELC
SCI-2	548.0	02/11/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	226	—	—	0.453	mg/L	Y	—	NQ	2016-743	CASA-16-110071	GELC
SCI-2	548.0	07/31/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	30.6	—	—	30	µg/L	Y	J	J	2017-2224	CASA-17-142013	GELC
SCI-2	548.0	05/04/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	100	—	—	30	µg/L	Y	U	U	2017-1486	CASA-17-132327	GELC
SCI-2	548.0	02/14/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	100	—	—	30	µg/L	Y	U	U	2017-1017	CASA-17-129661	GELC
SCI-2	548.0	11/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	100	—	—	30	µg/L	Y	U	U	2017-524	CASA-17-127308	GELC
SCI-2	548.0	08/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	100	—	—	30	µg/L	Y	U	U	2016-1873	CASA-16-124352	GELC
SCI-2	548.0	11/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	16.1	—	—	0.11	mg/L	Y	—	NQ	2018-888	CASA-18-147997	GELC
SCI-2	548.0	11/13/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	16.6	—	—	0.11	mg/L	Y	—	NQ	2018-888	CASA-18-148011	GELC
SCI-2	548.0	07/31/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	15.5	—	—	0.11	mg/L	Y	—	NQ	2017-2224	CASA-17-142013	GELC
SCI-2	548.0	05/04/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	15.5	—	—	0.11	mg/L	Y	—	NQ	2017-1486	CASA-17-132327	GELC
SCI-2	548.0	02/14/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	16.7	—	—	0.11	mg/L	Y	—	NQ	2017-1017	CASA-17-129661	GELC
SCI-2	548.0	11/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	16.5	—	—	0.11	mg/L	Y	—	NQ	2017-524	CASA-17-127308	GELC
SCI-2	548.0	08/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	15.9	—	—	0.11	mg/L	Y	—	NQ	2016-1873	CASA-16-124352	GELC
SCI-2	548.0	05/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	15.1	—	—	0.11	mg/L	Y	—	NQ	2016-1233	CASA-16-115495	GELC
SCI-2	548.0	02/11/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	15.4	—	—	0.11	mg/L	Y	—	NQ	2016-743	CASA-16-110071	GELC
SCI-2	548.0	11/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.629	—	—	0.2	µg/L	Y	—	NQ	2018-888	CASA-18-147997	GELC
SCI-2	548.0	11/13/17	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.523	—	—	0.2	µg/L	Y	—	NQ	2018-888	CASA-18-148011	GELC
SCI-2	548.0	07/31/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.509	—	—	0.2	µg/L	Y	—	NQ	2017-2224	CASA-17-142013	GELC
SCI-2	548.0	05/04/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.533	—	—	0.2	µg/L	Y	—	NQ	2017-1486	CASA-17-132327	GELC
SCI-2	548.0	02/14/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.45	—	—	0.3	µg/L	Y	J	J	2017-1017	CASA-17-129661	GELC
SCI-2	548.0	11/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.597	—	—	0.3	µg/L	Y	—	NQ	2017-524	CASA-17-127308	GELC
SCI-2	548.0	08/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	0.717	—	—	0.165	µg/L	Y	—	U	2016-1873	CASA-16-124352	GELC
SCI-2	548.0	05/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.634	—	—	0.165	µg/L	Y	—	NQ	2016-1233	CASA-16-115495	GELC
SCI-2	548.0	02/11/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	0.703	—	—	0.165	µg/L	Y	—	U	2016-743	CASA-16-110071	GELC
SCI-2	548.0	11/13/17	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.26	2.28	7.62	—	pCi/L	Y	U	U	2018-888	CASA-18-148004	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
SCI-2	548.0	11/13/17	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.89	1.9	7.2	—	pCi/L	Y	U	U	2018-888	CASA-18-148012	GELC
SCI-2	548.0	11/18/16	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.932	1.86	7.07	—	pCi/L	Y	U	U	2017-524	CASA-17-127289	GELC
SCI-2	548.0	11/13/15	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.09	2.84	10.5	—	pCi/L	Y	U	U	2016-333	CASA-16-106248	GELC
SCI-2	548.0	11/13/15	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.57	2.93	10.4	—	pCi/L	Y	U	U	2016-333	CASA-16-106220	GELC
SCI-2	548.0	11/12/14	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	4.38	2.76	10.1	—	pCi/L	Y	U	U	2015-296	CASA-15-90256	GELC
SCI-2	548.0	11/05/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.39	3.05	10.5	—	pCi/L	Y	U	U	2013-270	CASA-13-24216	GELC
SCI-2	548.0	11/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	17.7	—	—	0.6	µg/L	Y	—	NQ	2018-888	CASA-18-147997	GELC
SCI-2	548.0	11/13/17	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	15.9	—	—	0.6	µg/L	Y	—	NQ	2018-888	CASA-18-148011	GELC
SCI-2	548.0	07/31/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	16.3	—	—	0.6	µg/L	Y	—	NQ	2017-2224	CASA-17-142013	GELC
SCI-2	548.0	05/04/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	16.6	—	—	0.6	µg/L	Y	—	NQ	2017-1486	CASA-17-132327	GELC
SCI-2	548.0	02/14/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	15.4	—	—	0.5	µg/L	Y	—	NQ	2017-1017	CASA-17-129661	GELC
SCI-2	548.0	11/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	15.6	—	—	0.5	µg/L	Y	—	NQ	2017-524	CASA-17-127308	GELC
SCI-2	548.0	08/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	15.7	—	—	0.5	µg/L	Y	—	NQ	2016-1873	CASA-16-124352	GELC
SCI-2	548.0	05/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	19.2	—	—	0.5	µg/L	Y	—	NQ	2016-1233	CASA-16-115495	GELC
SCI-2	548.0	02/11/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	15.3	—	—	0.5	µg/L	Y	—	NQ	2016-743	CASA-16-110071	GELC
SCI-2	548.0	11/13/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	4.08	—	—	0.085	mg/L	Y	—	NQ	2018-888	CASA-18-147997	GELC
SCI-2	548.0	11/13/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.64	—	—	0.085	mg/L	Y	—	NQ	2018-888	CASA-18-148011	GELC
SCI-2	548.0	07/31/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.84	—	—	0.085	mg/L	Y	—	NQ	2017-2224	CASA-17-142013	GELC
SCI-2	548.0	05/04/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.8	—	—	0.17	mg/L	Y	—	NQ	2017-1486	CASA-17-132327	GELC
SCI-2	548.0	02/14/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	4.1	—	—	0.17	mg/L	Y	—	NQ	2017-1017	CASA-17-129661	GELC
SCI-2	548.0	11/18/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.68	—	—	0.17	mg/L	Y	—	NQ	2017-524	CASA-17-127308	GELC
SCI-2	548.0	08/02/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.39	—	—	0.17	mg/L	Y	—	NQ	2016-1873	CASA-16-124352	GELC
SCI-2	548.0	05/18/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.99	—	—	0.17	mg/L	Y	—	NQ	2016-1233	CASA-16-115495	GELC
SCI-2	548.0	02/11/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	4.12	—	—	0.085	mg/L	Y	—	NQ	2016-743	CASA-16-110071	GELC
SCI-2	548.0	11/13/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.937	—	—	0.05	µg/L	Y	—	NQ	2018-888	CASA-18-147997	GELC
SCI-2	548.0	11/13/17	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.917	—	—	0.05	µg/L	Y	—	NQ	2018-888	CASA-18-148011	GELC
SCI-2	548.0	07/31/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.936	—	—	0.05	µg/L	Y	—	NQ	2017-2224	CASA-17-142013	GELC
SCI-2	548.0	05/04/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.942	—	—	0.05	µg/L	Y	—	NQ	2017-1486	CASA-17-132327	GELC
SCI-2	548.0	02/14/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.94	—	—	0.05	µg/L	Y	—	NQ	2017-1017	CASA-17-129661	GELC
SCI-2	548.0	11/18/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.972	—	—	0.05	µg/L	Y	—	NQ	2017-524	CASA-17-127308	GELC
SCI-2	548.0	08/02/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.972	—	—	0.1	µg/L	Y	—	NQ	2016-1873	CASA-16-124352	GELC
SCI-2	548.0	05/18/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.938	—	—	0.05	µg/L	Y	—	NQ	2016-1233	CASA-16-115495	GELC
SCI-2	548.0	02/11/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.918	—	—	0.05	µg/L	Y	—	NQ	2016-743	CASA-16-110071	GELC
SCI-2	548.0	11/13/17	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0375	0.0234	0.0921	—	pCi/L	Y	U	U	2018-888	CASA-18-148004	GELC
SCI-2	548.0	11/13/17	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.01	0.0158	0.0737	—	pCi/L	Y	U	U	2018-888	CASA-18-148012	GELC
SCI-2	548.0	11/18/16	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0111	0.0123	0.086	—	pCi/L	Y	U	U	2017-524	CASA-17-127289	GELC
SCI-2	548.0	11/13/15	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0141	0.00938	0.0274	—	pCi/L	Y	U	U	2016-333	CASA-16-106248	GELC
SCI-2	548.0	11/13/15	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00515	0.0109	0.0301	—	pCi/L	Y	U	U	2016-333	CASA-16-106220	GELC
SCI-2	548.0	11/12/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00327	0.00566	0.0438	—	pCi/L	Y	U	U	2015-296	CASA-15-90256	GELC
SCI-2	548.0	11/05/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00567	0.00567	0.0272	—	pCi/L	Y	U	U	2013-270	CASA-13-24216	GELC
SCI-2	548.0	11/13/17	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00625	0.0165	0.132	—	pCi/L	Y	U	U	2018-888	CASA-18-148004	GELC
SCI-2	548.0	11/13/17	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00000000333	0.0158	0.105	—	pCi/L	Y	U	U	2018-888	CASA-18-148012	GELC
SCI-2	548.0	11/18/16	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00371	0.00982	0.065	—	pCi/L	Y	U	U	2017-524	CASA-17-127289	GELC
SCI-2	548.0	11/13/15	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0187	0.00937	0.0527	—	pCi/L	Y	U	U	2016-333	CASA-16-106248	GELC
SCI-2	548.0	11/13/15	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00772	0.00996	0.0578	—	pCi/L	Y	U	U	2016-333	CASA-16-106220	GELC
SCI-2	548.0	11/12/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0229	0.0108	0.0646	—	pCi/L	Y	U	U	2015-296	CASA-15-90256	GELC
SCI-2	548.0	11/05/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00567	0.00567	0.0453	—	pCi/L	Y	U	U	2013-270	CASA-13-24216	GELC
SCI-2	548.0	11/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.86	—	—	0.05	mg/L	Y	—	NQ	2018-888	CASA-18-147997	GELC
SCI-2	548.0	11/13/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	3.94	—	—	0.05	mg/L	Y	—	NQ	2018-888	CASA-18-148011	GELC
SCI-2	548.0	07/31/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.75	—	—	0.05	mg/L	Y	—	NQ	2017-2224	CASA-17-142013	GELC
SCI-2	548.0	05/04/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.79	—	—	0.05	mg/L	Y	—	NQ	2017-1486	CASA-17-132327	GELC
SCI-2	548.0	02/14/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.8	—	—	0.05	mg/L	Y	—	NQ	2017-1017	CASA-17-129661	GELC
SCI-2	548.0	11/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.96	—	—	0.05	mg/L	Y	—	NQ	2017-524	CASA-17-127308	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
SCI-2	548.0	08/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.77	—	—	0.05	mg/L	Y	—	NQ	2016-1873	CASA-16-124352	GELC
SCI-2	548.0	05/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.72	—	—	0.05	mg/L	Y	—	NQ	2016-1233	CASA-16-115495	GELC
SCI-2	548.0	02/11/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.55	—	—	0.05	mg/L	Y	—	NQ	2016-743	CASA-16-110071	GELC
SCI-2	548.0	11/13/17	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	10.9	20.2	36.4	—	pCi/L	Y	U	U	2018-888	CASA-18-148004	GELC
SCI-2	548.0	11/13/17	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-26.3	12.9	44.4	—	pCi/L	Y	U	U	2018-888	CASA-18-148012	GELC
SCI-2	548.0	11/18/16	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-17.3	13.8	43.3	—	pCi/L	Y	U	U	2017-524	CASA-17-127289	GELC
SCI-2	548.0	11/13/15	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	21.3	23	65.3	—	pCi/L	Y	U	U	2016-333	CASA-16-106248	GELC
SCI-2	548.0	11/13/15	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	2.8	15.6	63.9	—	pCi/L	Y	U	U	2016-333	CASA-16-106220	GELC
SCI-2	548.0	11/12/14	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	13.1	13.3	30.6	—	pCi/L	Y	U	U	2015-296	CASA-15-90256	GELC
SCI-2	548.0	11/05/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	13.4	19.2	80.6	—	pCi/L	Y	U	U	2013-270	CASA-13-24216	GELC
SCI-2	548.0	11/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	61	—	—	0.053	mg/L	Y	—	NQ	2018-888	CASA-18-147997	GELC
SCI-2	548.0	11/13/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	63.6	—	—	0.053	mg/L	Y	—	NQ	2018-888	CASA-18-148011	GELC
SCI-2	548.0	07/31/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	60.8	—	—	0.053	mg/L	Y	—	NQ	2017-2224	CASA-17-142013	GELC
SCI-2	548.0	05/04/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	59.8	—	—	0.053	mg/L	Y	—	NQ	2017-1486	CASA-17-132327	GELC
SCI-2	548.0	02/14/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	62.9	—	—	0.053	mg/L	Y	—	NQ	2017-1017	CASA-17-129661	GELC
SCI-2	548.0	11/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	64.4	—	—	0.053	mg/L	Y	—	J-	2017-524	CASA-17-127308	GELC
SCI-2	548.0	08/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	63.2	—	—	0.053	mg/L	Y	—	NQ	2016-1873	CASA-16-124352	GELC
SCI-2	548.0	05/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	62.9	—	—	0.053	mg/L	Y	—	NQ	2016-1233	CASA-16-115495	GELC
SCI-2	548.0	02/11/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	61.6	—	—	0.053	mg/L	Y	—	NQ	2016-743	CASA-16-110071	GELC
SCI-2	548.0	11/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	22.9	—	—	0.1	mg/L	Y	—	NQ	2018-888	CASA-18-147997	GELC
SCI-2	548.0	11/13/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	23.5	—	—	0.1	mg/L	Y	—	NQ	2018-888	CASA-18-148011	GELC
SCI-2	548.0	07/31/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	20.3	—	—	0.1	mg/L	Y	—	NQ	2017-2224	CASA-17-142013	GELC
SCI-2	548.0	05/04/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	24.7	—	—	0.1	mg/L	Y	—	NQ	2017-1486	CASA-17-132327	GELC
SCI-2	548.0	02/14/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	22.9	—	—	0.1	mg/L	Y	E	NQ	2017-1017	CASA-17-129661	GELC
SCI-2	548.0	11/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	26.3	—	—	0.1	mg/L	Y	—	J-	2017-524	CASA-17-127308	GELC
SCI-2	548.0	08/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	23	—	—	0.1	mg/L	Y	—	NQ	2016-1873	CASA-16-124352	GELC
SCI-2	548.0	05/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	23.2	—	—	0.1	mg/L	Y	—	NQ	2016-1233	CASA-16-115495	GELC
SCI-2	548.0	02/11/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	21.7	—	—	0.1	mg/L	Y	—	NQ	2016-743	CASA-16-110071	GELC
SCI-2	548.0	11/13/17	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.272	1	3.71	—	pCi/L	Y	U	U	2018-888	CASA-18-148004	GELC
SCI-2	548.0	11/13/17	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	1.45	0.972	4.52	—	pCi/L	Y	U	U	2018-888	CASA-18-148012	GELC
SCI-2	548.0	11/18/16	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.356	0.964	3.68	—	pCi/L	Y	U	U	2017-524	CASA-17-127289	GELC
SCI-2	548.0	11/13/15	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.61	1.38	4.31	—	pCi/L	Y	U	U	2016-333	CASA-16-106248	GELC
SCI-2	548.0	11/13/15	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.6	1.31	4.47	—	pCi/L	Y	U	U	2016-333	CASA-16-106220	GELC
SCI-2	548.0	11/12/14	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.778	1.1	4.01	—	pCi/L	Y	U	U	2015-296	CASA-15-90256	GELC
SCI-2	548.0	11/05/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.364	1.3	5.09	—	pCi/L	Y	U	U	2013-270	CASA-13-24216	GELC
SCI-2	548.0	11/13/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	651	—	—	1	µS/cm	Y	—	NQ	2018-888	CASA-18-147997	GELC
SCI-2	548.0	11/13/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	652	—	—	1	µS/cm	Y	—	NQ	2018-888	CASA-18-148011	GELC
SCI-2	548.0	07/31/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	678	—	—	1	µS/cm	Y	—	NQ	2017-2224	CASA-17-142013	GELC
SCI-2	548.0	05/04/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	632	—	—	1	µS/cm	Y	—	NQ	2017-1486	CASA-17-132327	GELC
SCI-2	548.0	02/14/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	648	—	—	1	µS/cm	Y	—	NQ	2017-1017	CASA-17-129661	GELC
SCI-2	548.0	11/18/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	624	—	—	1	µS/cm	Y	—	NQ	2017-524	CASA-17-127308	GELC
SCI-2	548.0	08/02/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	579	—	—	3.63	µS/cm	Y	—	NQ	2016-1873	CASA-16-124352	GELC
SCI-2	548.0	05/18/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	585	—	—	3.63	µS/cm	Y	—	NQ	2016-1233	CASA-16-115495	GELC
SCI-2	548.0	02/11/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	675	—	—	1	µS/cm	Y	—	NQ	2016-743	CASA-16-110071	GELC
SCI-2	548.0	11/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	336	—	—	1	µg/L	Y	—	NQ	2018-888	CASA-18-147997	GELC
SCI-2	548.0	11/13/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	344	—	—	1	µg/L	Y	—	NQ	2018-888	CASA-18-148011	GELC
SCI-2	548.0	07/31/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	326	—	—	1	µg/L	Y	—	NQ	2017-2224	CASA-17-142013	GELC
SCI-2	548.0	05/04/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	334	—	—	1	µg/L	Y	—	NQ	2017-1486	CASA-17-132327	GELC
SCI-2	548.0	02/14/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	331	—	—	1	µg/L	Y	—	NQ	2017-1017	CASA-17-129661	GELC
SCI-2	548.0	11/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	353	—	—	1	µg/L	Y	—	NQ	2017-524	CASA-17-127308	GELC
SCI-2	548.0	08/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	329	—	—	1	µg/L	Y	—	NQ	2016-1873	CASA-16-124352	GELC
SCI-2	548.0	05/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	322	—	—	1	µg/L	Y	—	NQ	2016-1233	CASA-16-115495	GELC
SCI-2	548.0	02/11/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	308	—	—	1	µg/L	Y	—	NQ	2016-743	CASA-16-110071	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
SCI-2	548.0	11/13/17	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.176	0.0993	0.432	—	pCi/L	Y	U	U	2018-888	CASA-18-148004	GELC
SCI-2	548.0	11/13/17	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0736	0.108	0.431	—	pCi/L	Y	U	U	2018-888	CASA-18-148012	GELC
SCI-2	548.0	11/18/16	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.215	0.118	0.385	—	pCi/L	Y	U	U	2017-524	CASA-17-127289	GELC
SCI-2	548.0	11/13/15	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.207	0.116	0.468	—	pCi/L	Y	U	U	2016-333	CASA-16-106248	GELC
SCI-2	548.0	11/13/15	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.184	0.121	0.477	—	pCi/L	Y	U	U	2016-333	CASA-16-106220	GELC
SCI-2	548.0	11/12/14	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0756	0.113	0.409	—	pCi/L	Y	U	U	2015-296	CASA-15-90256	GELC
SCI-2	548.0	11/05/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0837	0.109	0.437	—	pCi/L	Y	U	U	2013-270	CASA-13-24216	GELC
SCI-2	548.0	11/13/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	89.6	—	—	1.33	mg/L	Y	—	NQ	2018-888	CASA-18-147997	GELC
SCI-2	548.0	11/13/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	90.1	—	—	1.33	mg/L	Y	—	NQ	2018-888	CASA-18-148011	GELC
SCI-2	548.0	07/31/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	86.7	—	—	1.33	mg/L	Y	—	J+	2017-2224	CASA-17-142013	GELC
SCI-2	548.0	05/04/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	88.6	—	—	1.33	mg/L	Y	—	NQ	2017-1486	CASA-17-132327	GELC
SCI-2	548.0	02/14/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	90.1	—	—	1.33	mg/L	Y	—	NQ	2017-1017	CASA-17-129661	GELC
SCI-2	548.0	11/18/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	88.2	—	—	1.33	mg/L	Y	—	NQ	2017-524	CASA-17-127308	GELC
SCI-2	548.0	08/02/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	88.7	—	—	1.33	mg/L	Y	—	NQ	2016-1873	CASA-16-124352	GELC
SCI-2	548.0	05/18/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	88.7	—	—	1.33	mg/L	Y	—	NQ	2016-1233	CASA-16-115495	GELC
SCI-2	548.0	02/11/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	87.9	—	—	1.33	mg/L	Y	—	NQ	2016-743	CASA-16-110071	GELC
SCI-2	548.0	11/13/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-888	CASA-18-147997	GELC
SCI-2	548.0	11/13/17	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-888	CASA-18-148011	GELC
SCI-2	548.0	11/13/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-888	CASA-18-148004	GELC
SCI-2	548.0	11/13/17	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-888	CASA-18-148012	GELC
SCI-2	548.0	07/31/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	2017-2224	CASA-17-142021	GELC
SCI-2	548.0	07/31/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	2017-2224	CASA-17-142013	GELC
SCI-2	548.0	05/04/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	2017-1486	CASA-17-132327	GELC
SCI-2	548.0	05/04/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	2017-1486	CASA-17-132336	GELC
SCI-2	548.0	07/31/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	5.42	—	—	2.5	µg/L	Y	J	J	2017-2224	CASA-17-142013	GELC
SCI-2	548.0	05/04/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	3.62	—	—	2.5	µg/L	Y	J	J	2017-1486	CASA-17-132327	GELC
SCI-2	548.0	02/14/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	5.84	—	—	2.5	µg/L	Y	J	J	2017-1017	CASA-17-129661	GELC
SCI-2	548.0	11/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	4.26	—	—	2.5	µg/L	Y	J	J	2017-524	CASA-17-127308	GELC
SCI-2	548.0	08/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	2016-1873	CASA-16-124352	GELC
SCI-2	548.0	05/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	3.29	—	—	2.5	µg/L	Y	J	J	2016-1233	CASA-16-115495	GELC
SCI-2	548.0	02/11/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	3.47	—	—	2.5	µg/L	Y	J	J	2016-743	CASA-16-110071	GELC
SCI-2	548.0	11/13/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	473	—	—	3.4	mg/L	Y	—	NQ	2018-888	CASA-18-147997	GELC
SCI-2	548.0	11/13/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	423	—	—	3.4	mg/L	Y	—	NQ	2018-888	CASA-18-148011	GELC
SCI-2	548.0	07/31/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	447	—	—	3.4	mg/L	Y	—	NQ	2017-2224	CASA-17-142013	GELC
SCI-2	548.0	05/04/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	451	—	—	3.4	mg/L	Y	—	NQ	2017-1486	CASA-17-132327	GELC
SCI-2	548.0	02/14/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	467	—	—	3.4	mg/L	Y	—	NQ	2017-1017	CASA-17-129661	GELC
SCI-2	548.0	11/18/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	467	—	—	3.4	mg/L	Y	—	J	2017-524	CASA-17-127308	GELC
SCI-2	548.0	08/02/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	496	—	—	3.4	mg/L	Y	H	NQ	2016-1873	CASA-16-124352	GELC
SCI-2	548.0	05/18/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	500	—	—	3.4	mg/L	Y	—	NQ	2016-1233	CASA-16-115495	GELC
SCI-2	548.0	02/11/16	WG	F	RE	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	357	—	—	3.4	mg/L	Y	H	NQ	2016-743	CASA-16-110071	GELC
SCI-2	548.0	02/11/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	796	—	—	3.4	mg/L	Y	—	J	2016-743	CASA-16-110071	GELC
SCI-2	548.0	05/04/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.357	—	—	0.033	mg/L	Y	—	J	2017-1486	CASA-17-132336	GELC
SCI-2	548.0	02/14/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.209	—	—	0.033	mg/L	Y	—	NQ	2017-1017	CASA-17-129662	GELC
SCI-2	548.0	11/18/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0684	—	—	0.033	mg/L	Y	J	U	2017-524	CASA-17-127289	GELC
SCI-2	548.0	08/02/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.182	—	—	0.033	mg/L	Y	—	NQ	2016-1873	CASA-16-124336	GELC
SCI-2	548.0	05/18/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.122	—	—	0.033	mg/L	Y	—	NQ	2016-1233	CASA-16-115486	GELC
SCI-2	548.0	02/11/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0858	—	—	0.033	mg/L	Y	J	J	2016-743	CASA-16-110062	GELC
SCI-2	548.0	11/13/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.91	—	—	0.33	mg/L	Y	J	J	2018-888	CASA-18-148004	GELC
SCI-2	548.0	11/13/17	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.865	—	—	0.33	mg/L	Y	J	J	2018-888	CASA-18-148012	GELC
SCI-2	548.0	07/31/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.776	—	—	0.33	mg/L	Y	J	J	2017-2224	CASA-17-142021	GELC
SCI-2	548.0	05/04/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.856	—	—	0.33	mg/L	Y	J	J	2017-1486	CASA-17-132336	GELC
SCI-2	548.0	02/14/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.856	—	—	0.33	mg/L	Y	J	J	2017-1017	CASA-17-129662	GELC
SCI-2	548.0	11/18/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.809	—	—	0.33	mg/L	Y	J	J	2017-524	CASA-17-127289	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
SCI-2	548.0	08/02/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.05	—	—	0.33	mg/L	Y	—	NQ	2016-1873	CASA-16-124336	GELC
SCI-2	548.0	05/18/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.776	—	—	0.33	mg/L	Y	J	J	2016-1233	CASA-16-115486	GELC
SCI-2	548.0	02/11/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.807	—	—	0.33	mg/L	Y	J	J	2016-743	CASA-16-110062	GELC
SCI-2	548.0	11/13/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0589	—	—	0.02	mg/L	Y	—	NQ	2018-888	CASA-18-147997	GELC
SCI-2	548.0	11/13/17	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0505	—	—	0.02	mg/L	Y	—	NQ	2018-888	CASA-18-148011	GELC
SCI-2	548.0	07/31/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0222	—	—	0.02	mg/L	Y	J	J	2017-2224	CASA-17-142013	GELC
SCI-2	548.0	05/04/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0364	—	—	0.02	mg/L	Y	J	J	2017-1486	CASA-17-132327	GELC
SCI-2	548.0	02/14/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.162	—	—	0.02	mg/L	Y	—	NQ	2017-1017	CASA-17-129661	GELC
SCI-2	548.0	11/18/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0532	—	—	0.02	mg/L	Y	—	NQ	2017-524	CASA-17-127308	GELC
SCI-2	548.0	08/02/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0379	—	—	0.02	mg/L	Y	J	J	2016-1873	CASA-16-124352	GELC
SCI-2	548.0	05/18/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0374	—	—	0.02	mg/L	Y	J	J	2016-1233	CASA-16-115495	GELC
SCI-2	548.0	02/11/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0684	—	—	0.017	mg/L	Y	—	NQ	2016-743	CASA-16-110071	GELC
SCI-2	548.0	11/13/17	WG	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	N	132	43.8	137	—	pCi/L	Y	U	U	2018-888	CASA-18-148004	GELC
SCI-2	548.0	11/13/17	WG	UF	INIT	FD	RAD	EPA:906.0	Tritium	H-3	Y	264	46.6	132	—	pCi/L	Y	—	NQ	2018-888	CASA-18-148012	GELC
SCI-2	548.0	11/18/16	WG	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	Y	286	50.2	142	—	pCi/L	Y	—	NQ	2017-524	CASA-17-127289	GELC
SCI-2	548.0	11/13/15	WG	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	Y	292	60.8	169	—	pCi/L	Y	—	NQ	2016-333	CASA-16-106248	GELC
SCI-2	548.0	11/13/15	WG	UF	INIT	FD	RAD	EPA:906.0	Tritium	H-3	Y	321	62.1	169	—	pCi/L	Y	—	NQ	2016-333	CASA-16-106220	GELC
SCI-2	548.0	11/12/14	WG	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	Y	210	65.5	198	—	pCi/L	Y	—	NQ	2015-296	CASA-15-90256	GELC
SCI-2	548.0	11/05/12	WG	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	Y	398	48.1	111	—	pCi/L	Y	—	NQ	2013-270	CASA-13-24216	GELC
SCI-2	548.0	11/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.94	—	—	0.067	µg/L	Y	—	NQ	2018-888	CASA-18-147997	GELC
SCI-2	548.0	11/13/17	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	1.88	—	—	0.067	µg/L	Y	—	NQ	2018-888	CASA-18-148011	GELC
SCI-2	548.0	07/31/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.98	—	—	0.067	µg/L	Y	—	NQ	2017-2224	CASA-17-142013	GELC
SCI-2	548.0	05/04/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	2.13	—	—	0.067	µg/L	Y	—	NQ	2017-1486	CASA-17-132327	GELC
SCI-2	548.0	02/14/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.96	—	—	0.067	µg/L	Y	—	J	2017-1017	CASA-17-129661	GELC
SCI-2	548.0	11/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.95	—	—	0.067	µg/L	Y	—	NQ	2017-524	CASA-17-127308	GELC
SCI-2	548.0	08/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.95	—	—	0.067	µg/L	Y	—	NQ	2016-1873	CASA-16-124352	GELC
SCI-2	548.0	05/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	2.13	—	—	0.067	µg/L	Y	—	NQ	2016-1233	CASA-16-115495	GELC
SCI-2	548.0	02/11/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.85	—	—	0.067	µg/L	Y	—	NQ	2016-743	CASA-16-110071	GELC
SCI-2	548.0	11/13/17	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.28	0.0636	0.153	—	pCi/L	Y	—	NQ	2018-888	CASA-18-148004	GELC
SCI-2	548.0	11/13/17	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.19	0.0553	0.126	—	pCi/L	Y	—	NQ	2018-888	CASA-18-148012	GELC
SCI-2	548.0	11/18/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.948	0.0559	0.129	—	pCi/L	Y	—	NQ	2017-524	CASA-17-127289	GELC
SCI-2	548.0	11/13/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.17	0.0479	0.0621	—	pCi/L	Y	—	NQ	2016-333	CASA-16-106248	GELC
SCI-2	548.0	11/13/15	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.08	0.0573	0.0967	—	pCi/L	Y	—	NQ	2016-333	CASA-16-106220	GELC
SCI-2	548.0	11/12/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.22	0.0563	0.0522	—	pCi/L	Y	—	NQ	2015-296	CASA-15-90256	GELC
SCI-2	548.0	11/05/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.02	0.0545	0.0641	—	pCi/L	Y	—	NQ	2013-270	CASA-13-24216	GELC
SCI-2	548.0	11/13/17	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.179	0.0266	0.0662	—	pCi/L	Y	—	NQ	2018-888	CASA-18-148004	GELC
SCI-2	548.0	11/13/17	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.134	0.021	0.0544	—	pCi/L	Y	—	NQ	2018-888	CASA-18-148012	GELC
SCI-2	548.0	11/18/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0406	0.0143	0.0876	—	pCi/L	Y	U	U	2017-524	CASA-17-127289	GELC
SCI-2	548.0	11/13/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0306	0.00911	0.0542	—	pCi/L	Y	U	U	2016-333	CASA-16-106248	GELC
SCI-2	548.0	11/13/15	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0732	0.0172	0.0843	—	pCi/L	Y	U	U	2016-333	CASA-16-106220	GELC
SCI-2	548.0	11/12/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0315	0.0141	0.0455	—	pCi/L	Y	U	U	2015-296	CASA-15-90256	GELC
SCI-2	548.0	11/05/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0307	0.0123	0.04	—	pCi/L	Y	U	U	2013-270	CASA-13-24216	GELC
SCI-2	548.0	11/13/17	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.686	0.0469	0.0896	—	pCi/L	Y	—	NQ	2018-888	CASA-18-148004	GELC
SCI-2	548.0	11/13/17	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.713	0.0429	0.0737	—	pCi/L	Y	—	NQ	2018-888	CASA-18-148012	GELC
SCI-2	548.0	11/18/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.605	0.0443	0.0992	—	pCi/L	Y	—	NQ	2017-524	CASA-17-127289	GELC
SCI-2	548.0	11/13/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.641	0.0362	0.0614	—	pCi/L	Y	—	NQ	2016-333	CASA-16-106248	GELC
SCI-2	548.0	11/13/15	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.61	0.0429	0.0955	—	pCi/L	Y	—	NQ	2016-333	CASA-16-106220	GELC
SCI-2	548.0	11/12/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.579	0.0396	0.05	—	pCi/L	Y	—	NQ	2015-296	CASA-15-90256	GELC
SCI-2	548.0	11/05/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.577	0.0401	0.0435	—	pCi/L	Y	—	NQ	2013-270	CASA-13-24216	GELC
SCI-2	548.0	11/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.49	—	—	1	µg/L	Y	J	J	2018-888	CASA-18-147997	GELC
SCI-2	548.0	11/13/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.23	—	—	1	µg/L	Y	J	J	2018-888	CASA-18-148011	GELC
SCI-2	548.0	07/31/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.16	—	—	1	µg/L	Y	J	J	2017-2224	CASA-17-142013	GELC
SCI-2	548.0	05/04/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.56	—	—	1	µg/L	Y	J	J	2017-1486	CASA-17-132327	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
SCI-2	548.0	02/14/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.48	—	—	1	µg/L	Y	J	J	2017-1017	CASA-17-129661	GELC
SCI-2	548.0	11/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.76	—	—	1	µg/L	Y	J	J	2017-524	CASA-17-127308	GELC
SCI-2	548.0	08/02/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	N	5	—	—	1	µg/L	Y	U	U	2016-1873	CASA-16-124352	GELC
SCI-2	548.0	05/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	N	5	—	—	1	µg/L	Y	U	U	2016-1233	CASA-16-115495	GELC
SCI-2	548.0	02/11/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.38	—	—	1	µg/L	Y	J	J	2016-743	CASA-16-110071	GELC
SCI-2	548.0	11/13/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	10.8	—	—	3.3	µg/L	Y	—	NQ	2018-888	CASA-18-147997	GELC
SCI-2	548.0	11/13/17	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Zinc	Zn	Y	5.69	—	—	3.3	µg/L	Y	J	J	2018-888	CASA-18-148011	GELC
SCI-2	548.0	07/31/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	2017-2224	CASA-17-142013	GELC
SCI-2	548.0	05/04/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2017-1486	CASA-17-132327	GELC
SCI-2	548.0	02/14/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2017-1017	CASA-17-129661	GELC
SCI-2	548.0	11/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2017-524	CASA-17-127308	GELC
SIMR-2	885.0	12/14/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.98	—	—	0.01	SU	Y	H	NQ	2018-1290	CAMO-18-150347	GELC
SIMR-2	885.0	11/15/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8	—	—	0.01	SU	Y	H	NQ	2018-922	CAMO-18-148069	GELC
SIMR-2	885.0	10/30/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.95	—	—	0.01	SU	Y	H	NQ	2018-634	CAMO-18-147648	GELC
SIMR-2	885.0	08/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.98	—	—	0.01	SU	Y	H	NQ	2017-2418	CAMO-17-141987	GELC
SIMR-2	885.0	05/16/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.97	—	—	0.01	SU	Y	H	NQ	2017-1541	CAMO-17-132218	GELC
SIMR-2	885.0	02/15/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.98	—	—	0.01	SU	Y	H	NQ	2017-1031	CAMO-17-129304	GELC
SIMR-2	885.0	11/21/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.92	—	—	0.01	SU	Y	H	NQ	2017-538	CAMO-17-127261	GELC
SIMR-2	885.0	08/05/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.95	—	—	0.01	SU	Y	H	NQ	2016-1943	CAMO-16-124304	GELC
SIMR-2	885.0	05/17/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.99	—	—	0.01	SU	Y	H	NQ	2016-1223	CAMO-16-115237	GELC
SIMR-2	885.0	05/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.99	—	—	0.01	SU	Y	H	NQ	2016-1223	CAMO-16-115291	GELC
SIMR-2	885.0	02/18/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8	—	—	0.01	SU	Y	H	NQ	2016-775	CAMO-16-110050	GELC
SIMR-2	885.0	12/14/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.8	—	—	1.45	mg/L	Y	—	NQ	2018-1290	CAMO-18-150347	GELC
SIMR-2	885.0	11/15/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	60.5	—	—	1.45	mg/L	Y	—	NQ	2018-922	CAMO-18-148069	GELC
SIMR-2	885.0	10/30/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	60.9	—	—	1.45	mg/L	Y	—	NQ	2018-634	CAMO-18-147648	GELC
SIMR-2	885.0	08/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	60.9	—	—	1.45	mg/L	Y	—	NQ	2017-2418	CAMO-17-141987	GELC
SIMR-2	885.0	05/16/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61	—	—	1.45	mg/L	Y	—	NQ	2017-1541	CAMO-17-132218	GELC
SIMR-2	885.0	02/15/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63	—	—	1.45	mg/L	Y	—	NQ	2017-1031	CAMO-17-129304	GELC
SIMR-2	885.0	11/21/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.5	—	—	1.45	mg/L	Y	—	NQ	2017-538	CAMO-17-127261	GELC
SIMR-2	885.0	08/05/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	60.2	—	—	0.725	mg/L	Y	—	NQ	2016-1943	CAMO-16-124304	GELC
SIMR-2	885.0	05/17/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	58.9	—	—	0.725	mg/L	Y	—	NQ	2016-1223	CAMO-16-115237	GELC
SIMR-2	885.0	05/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	57.9	—	—	0.725	mg/L	Y	—	NQ	2016-1223	CAMO-16-115291	GELC
SIMR-2	885.0	02/18/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	58.6	—	—	0.725	mg/L	Y	—	NQ	2016-775	CAMO-16-110050	GELC
SIMR-2	885.0	11/15/17	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00866	0.00684	0.0385	—	pCi/L	Y	U	U	2018-922	CAMO-18-148085	GELC
SIMR-2	885.0	05/17/16	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00232	0.00613	0.0455	—	pCi/L	Y	U	U	2016-1223	CAMO-16-115234	GELC
SIMR-2	885.0	05/17/16	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0124	0.00714	0.0405	—	pCi/L	Y	U	U	2016-1223	CAMO-16-115268	GELC
SIMR-2	885.0	11/24/15	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0322	0.0102	0.0416	—	pCi/L	Y	U	U	2016-414	CASA-16-106221	GELC
SIMR-2	885.0	11/24/15	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00486	0.0091	0.0408	—	pCi/L	Y	U	U	2016-414	CASA-16-106249	GELC
SIMR-2	885.0	10/23/15	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0125	0.00659	0.0337	—	pCi/L	Y	U	U	2016-125	CASA-16-106064	GELC
SIMR-2	885.0	12/14/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0356	—	—	0.017	mg/L	Y	J	J	2018-1290	CAMO-18-150347	GELC
SIMR-2	885.0	11/15/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0465	—	—	0.017	mg/L	Y	J	J	2018-922	CAMO-18-148069	GELC
SIMR-2	885.0	08/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0338	—	—	0.017	mg/L	Y	J	J	2017-2418	CAMO-17-141987	GELC
SIMR-2	885.0	02/15/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0781	—	—	0.017	mg/L	Y	—	NQ	2017-1031	CAMO-17-129304	GELC
SIMR-2	885.0	11/21/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.017	mg/L	Y	U	U	2017-538	CAMO-17-127261	GELC
SIMR-2	885.0	08/05/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.017	mg/L	Y	U	U	2016-1943	CAMO-16-124304	GELC
SIMR-2	885.0	05/17/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0346	—	—	0.017	mg/L	Y	J	U	2016-1223	CAMO-16-115237	GELC
SIMR-2	885.0	05/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0971	—	—	0.017	mg/L	Y	—	U	2016-1223	CAMO-16-115291	GELC
SIMR-2	885.0	02/18/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0415	—	—	0.017	mg/L	Y	J	J	2016-775	CAMO-16-110050	GELC
SIMR-2	885.0	12/14/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	23.5	—	—	1	ug/L	Y	—	NQ	2018-1290	CAMO-18-150347	GELC
SIMR-2	885.0	11/15/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	23.8	—	—	1	µg/L	Y	—	NQ	2018-922	CAMO-18-148069	GELC
SIMR-2	885.0	10/30/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	23.4	—	—	1	µg/L	Y	—	NQ	2018-634	CAMO-18-147648	GELC
SIMR-2	885.0	08/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	23.5	—	—	1	µg/L	Y	—	NQ	2017-2418	CAMO-17-141987	GELC
SIMR-2	885.0	05/16/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	24.2	—	—	1	µg/L	Y	—	NQ	2017-1541	CAMO-17-132218	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
SIMR-2	885.0	02/15/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	22.2	—	—	1	µg/L	Y	—	NQ	2017-1031	CAMO-17-129304	GELC
SIMR-2	885.0	11/21/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	24.2	—	—	1	µg/L	Y	—	NQ	2017-538	CAMO-17-127261	GELC
SIMR-2	885.0	08/05/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	24	—	—	1	µg/L	Y	—	NQ	2016-1943	CAMO-16-124304	GELC
SIMR-2	885.0	05/17/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	23.1	—	—	1	µg/L	Y	—	NQ	2016-1223	CAMO-16-115237	GELC
SIMR-2	885.0	05/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	23.5	—	—	1	µg/L	Y	—	NQ	2016-1223	CAMO-16-115291	GELC
SIMR-2	885.0	02/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	22.9	—	—	1	µg/L	Y	—	NQ	2016-775	CAMO-16-110050	GELC
SIMR-2	885.0	12/14/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.5	—	—	0.05	mg/L	Y	—	NQ	2018-1290	CAMO-18-150347	GELC
SIMR-2	885.0	11/15/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.5	—	—	0.05	mg/L	Y	—	NQ	2018-922	CAMO-18-148069	GELC
SIMR-2	885.0	10/30/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.2	—	—	0.05	mg/L	Y	—	NQ	2018-634	CAMO-18-147648	GELC
SIMR-2	885.0	08/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.5	—	—	0.05	mg/L	Y	—	NQ	2017-2418	CAMO-17-141987	GELC
SIMR-2	885.0	05/16/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.7	—	—	0.05	mg/L	Y	—	NQ	2017-1541	CAMO-17-132218	GELC
SIMR-2	885.0	02/15/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.2	—	—	0.05	mg/L	Y	—	NQ	2017-1031	CAMO-17-129304	GELC
SIMR-2	885.0	11/21/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.9	—	—	0.05	mg/L	Y	—	NQ	2017-538	CAMO-17-127261	GELC
SIMR-2	885.0	08/05/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.4	—	—	0.05	mg/L	Y	—	NQ	2016-1943	CAMO-16-124304	GELC
SIMR-2	885.0	05/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.8	—	—	0.05	mg/L	Y	—	NQ	2016-1223	CAMO-16-115291	GELC
SIMR-2	885.0	05/17/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.7	—	—	0.05	mg/L	Y	—	NQ	2016-1223	CAMO-16-115237	GELC
SIMR-2	885.0	02/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.7	—	—	0.05	mg/L	Y	—	NQ	2016-775	CAMO-16-110050	GELC
SIMR-2	885.0	11/15/17	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.35	1.38	5.58	—	pCi/L	Y	U	U	2018-922	CAMO-18-148085	GELC
SIMR-2	885.0	05/17/16	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.76	1.16	3.92	—	pCi/L	Y	U	U	2016-1223	CAMO-16-115234	GELC
SIMR-2	885.0	05/17/16	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.59	2.13	6.25	—	pCi/L	Y	U	U	2016-1223	CAMO-16-115268	GELC
SIMR-2	885.0	11/24/15	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.878	1.84	6.71	—	pCi/L	Y	U	U	2016-414	CASA-16-106221	GELC
SIMR-2	885.0	11/24/15	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.482	1.46	5.55	—	pCi/L	Y	U	U	2016-414	CASA-16-106249	GELC
SIMR-2	885.0	10/23/15	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.33	1.59	5.36	—	pCi/L	Y	U	U	2016-125	CASA-16-106064	GELC
SIMR-2	885.0	12/14/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.19	—	—	0.067	mg/L	Y	—	NQ	2018-1290	CAMO-18-150347	GELC
SIMR-2	885.0	11/15/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.13	—	—	0.067	mg/L	Y	—	NQ	2018-922	CAMO-18-148069	GELC
SIMR-2	885.0	10/30/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.24	—	—	0.067	mg/L	Y	—	NQ	2018-634	CAMO-18-147648	GELC
SIMR-2	885.0	08/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.15	—	—	0.067	mg/L	Y	—	NQ	2017-2418	CAMO-17-141987	GELC
SIMR-2	885.0	05/16/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.36	—	—	0.067	mg/L	Y	—	NQ	2017-1541	CAMO-17-132218	GELC
SIMR-2	885.0	02/15/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.17	—	—	0.067	mg/L	Y	—	NQ	2017-1031	CAMO-17-129304	GELC
SIMR-2	885.0	11/21/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.17	—	—	0.067	mg/L	Y	—	NQ	2017-538	CAMO-17-127261	GELC
SIMR-2	885.0	08/05/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.27	—	—	0.067	mg/L	Y	—	NQ	2016-1943	CAMO-16-124304	GELC
SIMR-2	885.0	05/17/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.16	—	—	0.067	mg/L	Y	—	NQ	2016-1223	CAMO-16-115237	GELC
SIMR-2	885.0	05/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.22	—	—	0.067	mg/L	Y	—	NQ	2016-1223	CAMO-16-115291	GELC
SIMR-2	885.0	02/18/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.16	—	—	0.067	mg/L	Y	—	NQ	2016-775	CAMO-16-110050	GELC
SIMR-2	885.0	12/14/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.36	—	—	3	ug/L	Y	J	J	2018-1290	CAMO-18-150347	GELC
SIMR-2	885.0	11/15/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	9.41	—	—	3	µg/L	Y	J	J	2018-922	CAMO-18-148069	GELC
SIMR-2	885.0	10/30/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.45	—	—	3	µg/L	Y	J	J	2018-634	CAMO-18-147648	GELC
SIMR-2	885.0	08/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.53	—	—	3	µg/L	Y	J	J	2017-2418	CAMO-17-141987	GELC
SIMR-2	885.0	05/16/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.76	—	—	3	µg/L	Y	J	J	2017-1541	CAMO-17-132218	GELC
SIMR-2	885.0	02/15/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.19	—	—	3	µg/L	Y	J	J	2017-1031	CAMO-17-129304	GELC
SIMR-2	885.0	11/21/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.89	—	—	3	µg/L	Y	J	J	2017-538	CAMO-17-127261	GELC
SIMR-2	885.0	08/05/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.53	—	—	2	µg/L	Y	J	J	2016-1943	CAMO-16-124304	GELC
SIMR-2	885.0	05/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.44	—	—	2	µg/L	Y	J	J	2016-1223	CAMO-16-115291	GELC
SIMR-2	885.0	05/17/16	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.33	—	—	2	µg/L	Y	J	J	2016-1223	CAMO-16-115237	GELC
SIMR-2	885.0	02/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	6.75	—	—	2	µg/L	Y	J	J	2016-775	CAMO-16-110050	GELC
SIMR-2	885.0	11/15/17	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.23	1.39	5.09	—	pCi/L	Y	U	U	2018-922	CAMO-18-148085	GELC
SIMR-2	885.0	05/17/16	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.68	1.51	5.12	—	pCi/L	Y	U	U	2016-1223	CAMO-16-115234	GELC
SIMR-2	885.0	05/17/16	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	3.65	2.18	6.44	—	pCi/L	Y	U	U	2016-1223	CAMO-16-115268	GELC
SIMR-2	885.0	11/24/15	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.93	1.46	6.26	—	pCi/L	Y	U	U	2016-414	CASA-16-106221	GELC
SIMR-2	885.0	11/24/15	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.848	1.16	5.04	—	pCi/L	Y	U	U	2016-414	CASA-16-106249	GELC
SIMR-2	885.0	10/23/15	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.614	1.04	3.86	—	pCi/L	Y	U	U	2016-125	CASA-16-106064	GELC
SIMR-2	885.0	12/14/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.174	—	—	0.033	mg/L	Y	—	NQ	2018-1290	CAMO-18-150347	GELC
SIMR-2	885.0	11/15/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.139	—	—	0.033	mg/L	Y	—	NQ	2018-922	CAMO-18-148069	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
SIMR-2	885.0	10/30/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.191	—	—	0.033	mg/L	Y	—	NQ	2018-634	CAMO-18-147648	GELC
SIMR-2	885.0	08/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.187	—	—	0.033	mg/L	Y	—	NQ	2017-2418	CAMO-17-141987	GELC
SIMR-2	885.0	05/16/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.231	—	—	0.033	mg/L	Y	—	NQ	2017-1541	CAMO-17-132218	GELC
SIMR-2	885.0	02/15/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.138	—	—	0.033	mg/L	Y	—	NQ	2017-1031	CAMO-17-129304	GELC
SIMR-2	885.0	11/21/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.164	—	—	0.033	mg/L	Y	—	NQ	2017-538	CAMO-17-127261	GELC
SIMR-2	885.0	08/05/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.146	—	—	0.033	mg/L	Y	—	NQ	2016-1943	CAMO-16-124304	GELC
SIMR-2	885.0	05/17/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.188	—	—	0.033	mg/L	Y	—	NQ	2016-1223	CAMO-16-115237	GELC
SIMR-2	885.0	05/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.166	—	—	0.033	mg/L	Y	—	NQ	2016-1223	CAMO-16-115291	GELC
SIMR-2	885.0	02/18/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.217	—	—	0.033	mg/L	Y	—	NQ	2016-775	CAMO-16-110050	GELC
SIMR-2	885.0	11/15/17	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.26	0.852	2.86	—	pCi/L	Y	U	U	2018-922	CAMO-18-148085	GELC
SIMR-2	885.0	05/17/16	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	0.303	0.479	1.8	—	pCi/L	Y	U	U	2016-1223	CAMO-16-115234	GELC
SIMR-2	885.0	05/17/16	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.55	0.922	2.91	—	pCi/L	Y	U	U	2016-1223	CAMO-16-115268	GELC
SIMR-2	885.0	11/24/15	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	-0.805	0.665	2.99	—	pCi/L	Y	U	U	2016-414	CASA-16-106221	GELC
SIMR-2	885.0	11/24/15	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.399	0.611	2.42	—	pCi/L	Y	U	U	2016-414	CASA-16-106249	GELC
SIMR-2	885.0	10/23/15	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.39	0.72	2.82	—	pCi/L	Y	U	U	2016-125	CASA-16-106064	GELC
SIMR-2	885.0	11/15/17	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.09	0.841	2.83	—	pCi/L	Y	U	U	2018-922	CAMO-18-148085	GELC
SIMR-2	885.0	05/17/16	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	1.95	0.57	1.83	—	pCi/L	Y	—	NQ	2016-1223	CAMO-16-115234	GELC
SIMR-2	885.0	05/17/16	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.08	0.536	1.76	—	pCi/L	Y	U	U	2016-1223	CAMO-16-115268	GELC
SIMR-2	885.0	11/24/15	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	0.803	0.699	2.35	—	pCi/L	Y	U	U	2016-414	CASA-16-106221	GELC
SIMR-2	885.0	11/24/15	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.96	0.721	2.06	—	pCi/L	Y	—	NQ	2016-414	CASA-16-106249	GELC
SIMR-2	885.0	10/23/15	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	-0.155	0.806	2.93	—	pCi/L	Y	U	U	2016-125	CASA-16-106064	GELC
SIMR-2	885.0	12/14/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	44	—	—	0.453	mg/L	Y	—	NQ	2018-1290	CAMO-18-150347	GELC
SIMR-2	885.0	11/15/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	44.1	—	—	0.453	mg/L	Y	—	NQ	2018-922	CAMO-18-148069	GELC
SIMR-2	885.0	10/30/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	43.2	—	—	0.453	mg/L	Y	—	NQ	2018-634	CAMO-18-147648	GELC
SIMR-2	885.0	08/08/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	44.1	—	—	0.453	mg/L	Y	—	NQ	2017-2418	CAMO-17-141987	GELC
SIMR-2	885.0	05/16/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	45.2	—	—	0.453	mg/L	Y	—	NQ	2017-1541	CAMO-17-132218	GELC
SIMR-2	885.0	02/15/17	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	42.8	—	—	0.453	mg/L	Y	—	NQ	2017-1031	CAMO-17-129304	GELC
SIMR-2	885.0	11/21/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	45.4	—	—	0.453	mg/L	Y	—	NQ	2017-538	CAMO-17-127261	GELC
SIMR-2	885.0	08/05/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	43.8	—	—	0.453	mg/L	Y	—	NQ	2016-1943	CAMO-16-124304	GELC
SIMR-2	885.0	05/17/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	44.8	—	—	0.453	mg/L	Y	—	NQ	2016-1223	CAMO-16-115291	GELC
SIMR-2	885.0	05/17/16	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	44.6	—	—	0.453	mg/L	Y	—	NQ	2016-1223	CAMO-16-115237	GELC
SIMR-2	885.0	02/18/16	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	45.6	—	—	0.453	mg/L	Y	—	NQ	2016-775	CAMO-16-110050	GELC
SIMR-2	885.0	12/14/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.12	—	—	0.11	mg/L	Y	—	NQ	2018-1290	CAMO-18-150347	GELC
SIMR-2	885.0	11/15/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.16	—	—	0.11	mg/L	Y	—	NQ	2018-922	CAMO-18-148069	GELC
SIMR-2	885.0	10/30/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.08	—	—	0.11	mg/L	Y	—	NQ	2018-634	CAMO-18-147648	GELC
SIMR-2	885.0	08/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.15	—	—	0.11	mg/L	Y	—	NQ	2017-2418	CAMO-17-141987	GELC
SIMR-2	885.0	05/16/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.28	—	—	0.11	mg/L	Y	—	NQ	2017-1541	CAMO-17-132218	GELC
SIMR-2	885.0	02/15/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	2.97	—	—	0.11	mg/L	Y	—	NQ	2017-1031	CAMO-17-129304	GELC
SIMR-2	885.0	11/21/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.19	—	—	0.11	mg/L	Y	—	NQ	2017-538	CAMO-17-127261	GELC
SIMR-2	885.0	08/05/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.1	—	—	0.11	mg/L	Y	—	NQ	2016-1943	CAMO-16-124304	GELC
SIMR-2	885.0	05/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.14	—	—	0.11	mg/L	Y	—	NQ	2016-1223	CAMO-16-115291	GELC
SIMR-2	885.0	05/17/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.17	—	—	0.11	mg/L	Y	—	NQ	2016-1223	CAMO-16-115237	GELC
SIMR-2	885.0	02/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.36	—	—	0.11	mg/L	Y	—	NQ	2016-775	CAMO-16-110050	GELC
SIMR-2	885.0	12/14/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.16	—	—	0.2	ug/L	Y	—	NQ	2018-1290	CAMO-18-150347	GELC
SIMR-2	885.0	11/15/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.27	—	—	0.2	µg/L	Y	—	NQ	2018-922	CAMO-18-148069	GELC
SIMR-2	885.0	10/30/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.1	—	—	0.2	µg/L	Y	—	NQ	2018-634	CAMO-18-147648	GELC
SIMR-2	885.0	08/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.07	—	—	0.2	µg/L	Y	—	NQ	2017-2418	CAMO-17-141987	GELC
SIMR-2	885.0	05/16/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.07	—	—	0.2	µg/L	Y	—	NQ	2017-1541	CAMO-17-132218	GELC
SIMR-2	885.0	02/15/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.26	—	—	0.3	µg/L	Y	—	NQ	2017-1031	CAMO-17-129304	GELC
SIMR-2	885.0	11/21/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.18	—	—	0.3	µg/L	Y	—	NQ	2017-538	CAMO-17-127261	GELC
SIMR-2	885.0	08/05/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.07	—	—	0.165	µg/L	Y	—	NQ	2016-1943	CAMO-16-124304	GELC
SIMR-2	885.0	05/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.16	—	—	0.165	µg/L	Y	—	NQ	2016-1223	CAMO-16-115291	GELC
SIMR-2	885.0	05/17/16	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.14	—	—	0.165	µg/L	Y	—	NQ	2016-1223	CAMO-16-115237	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
SIMR-2	885.0	02/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.37	—	—	0.165	µg/L	Y	—	NQ	2016-775	CAMO-16-110050	GELC
SIMR-2	885.0	11/15/17	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.5	2.94	10.7	—	pCi/L	Y	U	U	2018-922	CAMO-18-148085	GELC
SIMR-2	885.0	05/17/16	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.07	2.53	8.81	—	pCi/L	Y	U	U	2016-1223	CAMO-16-115234	GELC
SIMR-2	885.0	05/17/16	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.23	3.46	11.9	—	pCi/L	Y	U	U	2016-1223	CAMO-16-115268	GELC
SIMR-2	885.0	11/24/15	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	4.12	3.4	11.4	—	pCi/L	Y	U	U	2016-414	CASA-16-106221	GELC
SIMR-2	885.0	11/24/15	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.85	2.66	10	—	pCi/L	Y	U	U	2016-414	CASA-16-106249	GELC
SIMR-2	885.0	10/23/15	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.07	2.58	8.89	—	pCi/L	Y	U	U	2016-125	CASA-16-106064	GELC
SIMR-2	885.0	11/15/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.51	—	—	0.6	µg/L	Y	J	J	2018-922	CAMO-18-148069	GELC
SIMR-2	885.0	10/30/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.6	—	—	0.6	µg/L	Y	U	U	2018-634	CAMO-18-147648	GELC
SIMR-2	885.0	08/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.6	—	—	0.6	µg/L	Y	U	U	2017-2418	CAMO-17-141987	GELC
SIMR-2	885.0	05/16/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	2	—	—	0.6	µg/L	Y	U	U	2017-1541	CAMO-17-132218	GELC
SIMR-2	885.0	02/15/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	2	—	—	0.5	µg/L	Y	U	U	2017-1031	CAMO-17-129304	GELC
SIMR-2	885.0	12/14/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.712	—	—	0.017	mg/L	Y	—	NQ	2018-1290	CAMO-18-150347	GELC
SIMR-2	885.0	11/15/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.684	—	—	0.017	mg/L	Y	—	NQ	2018-922	CAMO-18-148069	GELC
SIMR-2	885.0	10/30/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.679	—	—	0.017	mg/L	Y	—	NQ	2018-634	CAMO-18-147648	GELC
SIMR-2	885.0	08/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.675	—	—	0.017	mg/L	Y	—	NQ	2017-2418	CAMO-17-141987	GELC
SIMR-2	885.0	05/16/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.66	—	—	0.085	mg/L	Y	—	NQ	2017-1541	CAMO-17-132218	GELC
SIMR-2	885.0	02/15/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.66	—	—	0.017	mg/L	Y	—	NQ	2017-1031	CAMO-17-129304	GELC
SIMR-2	885.0	11/21/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.671	—	—	0.017	mg/L	Y	—	NQ	2017-538	CAMO-17-127261	GELC
SIMR-2	885.0	08/05/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.719	—	—	0.017	mg/L	Y	—	NQ	2016-1943	CAMO-16-124304	GELC
SIMR-2	885.0	05/17/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.709	—	—	0.017	mg/L	Y	—	NQ	2016-1223	CAMO-16-115237	GELC
SIMR-2	885.0	05/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.708	—	—	0.017	mg/L	Y	—	NQ	2016-1223	CAMO-16-115291	GELC
SIMR-2	885.0	02/18/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.73	—	—	0.017	mg/L	Y	—	NQ	2016-775	CAMO-16-110050	GELC
SIMR-2	885.0	12/14/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.434	—	—	0.050	ug/L	Y	—	NQ	2018-1290	CAMO-18-150347	GELC
SIMR-2	885.0	11/15/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.39	—	—	0.05	µg/L	Y	—	NQ	2018-922	CAMO-18-148069	GELC
SIMR-2	885.0	10/30/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.399	—	—	0.05	µg/L	Y	—	NQ	2018-634	CAMO-18-147648	GELC
SIMR-2	885.0	08/08/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.393	—	—	0.05	µg/L	Y	—	NQ	2017-2418	CAMO-17-141987	GELC
SIMR-2	885.0	05/16/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.397	—	—	0.05	µg/L	Y	—	NQ	2017-1541	CAMO-17-132218	GELC
SIMR-2	885.0	02/15/17	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.429	—	—	0.05	µg/L	Y	—	NQ	2017-1031	CAMO-17-129304	GELC
SIMR-2	885.0	11/21/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.417	—	—	0.05	µg/L	Y	—	NQ	2017-538	CAMO-17-127261	GELC
SIMR-2	885.0	08/05/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.406	—	—	0.05	µg/L	Y	—	NQ	2016-1943	CAMO-16-124304	GELC
SIMR-2	885.0	05/17/16	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.397	—	—	0.05	µg/L	Y	—	NQ	2016-1223	CAMO-16-115237	GELC
SIMR-2	885.0	05/17/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.405	—	—	0.05	µg/L	Y	—	NQ	2016-1223	CAMO-16-115291	GELC
SIMR-2	885.0	02/18/16	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.432	—	—	0.05	µg/L	Y	—	NQ	2016-775	CAMO-16-110050	GELC
SIMR-2	885.0	11/15/17	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00266	0.00704	0.0392	—	pCi/L	Y	U	U	2018-922	CAMO-18-148085	GELC
SIMR-2	885.0	05/17/16	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00715	0.00715	0.048	—	pCi/L	Y	U	U	2016-1223	CAMO-16-115234	GELC
SIMR-2	885.0	05/17/16	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00969	0.00593	0.0488	—	pCi/L	Y	U	U	2016-1223	CAMO-16-115268	GELC
SIMR-2	885.0	11/24/15	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00000000138	0.00656	0.0428	—	pCi/L	Y	U	U	2016-414	CASA-16-106221	GELC
SIMR-2	885.0	11/24/15	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0127	0.00792	0.0437	—	pCi/L	Y	U	U	2016-414	CASA-16-106249	GELC
SIMR-2	885.0	10/23/15	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.0065	0.0413	—	pCi/L	Y	U	U	2016-125	CASA-16-106064	GELC
SIMR-2	885.0	11/15/17	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00532	0.00532	0.0561	—	pCi/L	Y	U	U	2018-922	CAMO-18-148085	GELC
SIMR-2	885.0	05/17/16	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00714	0.0063	0.0422	—	pCi/L	Y	U	U	2016-1223	CAMO-16-115234	GELC
SIMR-2	885.0	05/17/16	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00242	0.00726	0.0429	—	pCi/L	Y	U	U	2016-1223	CAMO-16-115268	GELC
SIMR-2	885.0	11/24/15	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0083	0.0083	0.0372	—	pCi/L	Y	U	U	2016-414	CASA-16-106221	GELC
SIMR-2	885.0	11/24/15	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00000000211	0.00791	0.0379	—	pCi/L	Y	U	U	2016-414	CASA-16-106249	GELC
SIMR-2	885.0	10/23/15	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00531	0.0075	0.0538	—	pCi/L	Y	U	U	2016-125	CASA-16-106064	GELC
SIMR-2	885.0	12/14/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.34	—	—	0.05	mg/L	Y	—	NQ	2018-1290	CAMO-18-150347	GELC
SIMR-2	885.0	11/15/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.35	—	—	0.05	mg/L	Y	—	NQ	2018-922	CAMO-18-148069	GELC
SIMR-2	885.0	10/30/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.24	—	—	0.05	mg/L	Y	—	NQ	2018-634	CAMO-18-147648	GELC
SIMR-2	885.0	08/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.42	—	—	0.05	mg/L	Y	—	NQ	2017-2418	CAMO-17-141987	GELC
SIMR-2	885.0	05/16/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.43	—	—	0.05	mg/L	Y	—	NQ	2017-1541	CAMO-17-132218	GELC
SIMR-2	885.0	02/15/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.55	—	—	0.05	mg/L	Y	—	NQ	2017-1031	CAMO-17-129304	GELC
SIMR-2	885.0	11/21/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.49	—	—	0.05	mg/L	Y	—	NQ	2017-538	CAMO-17-127261	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
SIMR-2	885.0	08/05/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.41	—	—	0.05	mg/L	Y	—	NQ	2016-1943	CAMO-16-124304	GELC
SIMR-2	885.0	05/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.4	—	—	0.05	mg/L	Y	—	NQ	2016-1223	CAMO-16-115291	GELC
SIMR-2	885.0	05/17/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	1.38	—	—	0.05	mg/L	Y	—	NQ	2016-1223	CAMO-16-115237	GELC
SIMR-2	885.0	02/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.47	—	—	0.05	mg/L	Y	—	NQ	2016-775	CAMO-16-110050	GELC
SIMR-2	885.0	11/15/17	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-15.1	22.4	89	—	pCi/L	Y	U	U	2018-922	CAMO-18-148085	GELC
SIMR-2	885.0	05/17/16	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-8.73	21.9	72.9	—	pCi/L	Y	U	U	2016-1223	CAMO-16-115234	GELC
SIMR-2	885.0	05/17/16	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	0.381	19.2	78.1	—	pCi/L	Y	U	U	2016-1223	CAMO-16-115268	GELC
SIMR-2	885.0	11/24/15	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-3.16	19.9	71.7	—	pCi/L	Y	U	U	2016-414	CASA-16-106221	GELC
SIMR-2	885.0	11/24/15	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	17.3	17.6	46.5	—	pCi/L	Y	U	U	2016-414	CASA-16-106249	GELC
SIMR-2	885.0	10/23/15	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-4.14	15.7	58.4	—	pCi/L	Y	U	U	2016-125	CASA-16-106064	GELC
SIMR-2	885.0	02/15/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	Y	2.24	—	—	2	µg/L	Y	J	J	2017-1031	CAMO-17-129304	GELC
SIMR-2	885.0	11/21/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	5	—	—	2	µg/L	Y	U	U	2017-538	CAMO-17-127261	GELC
SIMR-2	885.0	08/05/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	5	—	—	1.5	µg/L	Y	U	U	2016-1943	CAMO-16-124304	GELC
SIMR-2	885.0	05/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	5	—	—	1.5	µg/L	Y	U	U	2016-1223	CAMO-16-115291	GELC
SIMR-2	885.0	05/17/16	WG	F	INIT	FD	INORGANIC	SW-846:6020	Selenium	Se	N	5	—	—	1.5	µg/L	Y	U	U	2016-1223	CAMO-16-115237	GELC
SIMR-2	885.0	02/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	5	—	—	1.5	µg/L	Y	U	U	2016-775	CAMO-16-110050	GELC
SIMR-2	885.0	12/14/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.5	—	—	0.053	mg/L	Y	—	NQ	2018-1290	CAMO-18-150347	GELC
SIMR-2	885.0	11/15/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.9	—	—	0.053	mg/L	Y	—	NQ	2018-922	CAMO-18-148069	GELC
SIMR-2	885.0	10/30/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.5	—	—	0.053	mg/L	Y	—	NQ	2018-634	CAMO-18-147648	GELC
SIMR-2	885.0	08/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	66	—	—	0.053	mg/L	Y	—	NQ	2017-2418	CAMO-17-141987	GELC
SIMR-2	885.0	05/16/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.7	—	—	0.053	mg/L	Y	—	NQ	2017-1541	CAMO-17-132218	GELC
SIMR-2	885.0	02/15/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.3	—	—	0.053	mg/L	Y	—	NQ	2017-1031	CAMO-17-129304	GELC
SIMR-2	885.0	11/21/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	72.2	—	—	0.053	mg/L	Y	—	NQ	2017-538	CAMO-17-127261	GELC
SIMR-2	885.0	08/05/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.6	—	—	0.053	mg/L	Y	—	NQ	2016-1943	CAMO-16-124304	GELC
SIMR-2	885.0	05/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.6	—	—	0.053	mg/L	Y	—	NQ	2016-1223	CAMO-16-115291	GELC
SIMR-2	885.0	05/17/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.2	—	—	0.053	mg/L	Y	—	NQ	2016-1223	CAMO-16-115237	GELC
SIMR-2	885.0	02/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.8	—	—	0.053	mg/L	Y	—	NQ	2016-775	CAMO-16-110050	GELC
SIMR-2	885.0	12/14/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.67	—	—	0.1	mg/L	Y	—	NQ	2018-1290	CAMO-18-150347	GELC
SIMR-2	885.0	11/15/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.68	—	—	0.1	mg/L	Y	—	NQ	2018-922	CAMO-18-148069	GELC
SIMR-2	885.0	10/30/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.64	—	—	0.1	mg/L	Y	—	NQ	2018-634	CAMO-18-147648	GELC
SIMR-2	885.0	08/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.85	—	—	0.1	mg/L	Y	—	NQ	2017-2418	CAMO-17-141987	GELC
SIMR-2	885.0	05/16/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.9	—	—	0.1	mg/L	Y	—	NQ	2017-1541	CAMO-17-132218	GELC
SIMR-2	885.0	02/15/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.52	—	—	0.1	mg/L	Y	—	NQ	2017-1031	CAMO-17-129304	GELC
SIMR-2	885.0	11/21/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10	—	—	0.1	mg/L	Y	—	NQ	2017-538	CAMO-17-127261	GELC
SIMR-2	885.0	08/05/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.2	—	—	0.1	mg/L	Y	—	NQ	2016-1943	CAMO-16-124304	GELC
SIMR-2	885.0	05/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10	—	—	0.1	mg/L	Y	—	NQ	2016-1223	CAMO-16-115291	GELC
SIMR-2	885.0	05/17/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.99	—	—	0.1	mg/L	Y	—	NQ	2016-1223	CAMO-16-115237	GELC
SIMR-2	885.0	02/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.1	—	—	0.1	mg/L	Y	E	NQ	2016-775	CAMO-16-110050	GELC
SIMR-2	885.0	11/15/17	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.0758	1.1	4.63	—	pCi/L	Y	U	U	2018-922	CAMO-18-148085	GELC
SIMR-2	885.0	05/17/16	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.0467	1.64	5.41	—	pCi/L	Y	U	U	2016-1223	CAMO-16-115234	GELC
SIMR-2	885.0	05/17/16	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.479	1.53	5.98	—	pCi/L	Y	U	U	2016-1223	CAMO-16-115268	GELC
SIMR-2	885.0	11/24/15	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.96	1.62	5.51	—	pCi/L	Y	U	U	2016-414	CASA-16-106221	GELC
SIMR-2	885.0	11/24/15	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.27	1.25	5.43	—	pCi/L	Y	U	U	2016-414	CASA-16-106249	GELC
SIMR-2	885.0	10/23/15	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.351	1.11	4.48	—	pCi/L	Y	U	U	2016-125	CASA-16-106064	GELC
SIMR-2	885.0	12/14/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	143	—	—	1	uS/cm	Y	—	NQ	2018-1290	CAMO-18-150347	GELC
SIMR-2	885.0	11/15/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	149	—	—	1	µS/cm	Y	—	NQ	2018-922	CAMO-18-148069	GELC
SIMR-2	885.0	10/30/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	158	—	—	1	µS/cm	Y	—	NQ	2018-634	CAMO-18-147648	GELC
SIMR-2	885.0	08/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	156	—	—	1	µS/cm	Y	—	NQ	2017-2418	CAMO-17-141987	GELC
SIMR-2	885.0	05/16/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	126	—	—	1	µS/cm	Y	—	NQ	2017-1541	CAMO-17-132218	GELC
SIMR-2	885.0	02/15/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	136	—	—	1	µS/cm	Y	—	NQ	2017-1031	CAMO-17-129304	GELC
SIMR-2	885.0	11/21/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	133	—	—	1	µS/cm	Y	—	NQ	2017-538	CAMO-17-127261	GELC
SIMR-2	885.0	08/05/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	114	—	—	3.63	µS/cm	Y	—	NQ	2016-1943	CAMO-16-124304	GELC
SIMR-2	885.0	05/17/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	126	—	—	3.63	µS/cm	Y	—	NQ	2016-1223	CAMO-16-115237	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
SIMR-2	885.0	05/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	125	—	—	3.63	µS/cm	Y	—	NQ	2016-1223	CAMO-16-115291	GELC
SIMR-2	885.0	02/18/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	149	—	—	1	µS/cm	Y	—	NQ	2016-775	CAMO-16-110050	GELC
SIMR-2	885.0	12/14/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	51.6	—	—	1	ug/L	Y	—	NQ	2018-1290	CAMO-18-150347	GELC
SIMR-2	885.0	11/15/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	52	—	—	1	µg/L	Y	—	NQ	2018-922	CAMO-18-148069	GELC
SIMR-2	885.0	10/30/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	50.7	—	—	1	µg/L	Y	—	NQ	2018-634	CAMO-18-147648	GELC
SIMR-2	885.0	08/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	49.1	—	—	1	µg/L	Y	—	NQ	2017-2418	CAMO-17-141987	GELC
SIMR-2	885.0	05/16/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	56.5	—	—	1	µg/L	Y	—	NQ	2017-1541	CAMO-17-132218	GELC
SIMR-2	885.0	02/15/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	50.6	—	—	1	µg/L	Y	—	NQ	2017-1031	CAMO-17-129304	GELC
SIMR-2	885.0	11/21/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	54	—	—	1	µg/L	Y	—	NQ	2017-538	CAMO-17-127261	GELC
SIMR-2	885.0	08/05/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	51.9	—	—	1	µg/L	Y	—	NQ	2016-1943	CAMO-16-124304	GELC
SIMR-2	885.0	05/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	52.4	—	—	1	µg/L	Y	—	NQ	2016-1223	CAMO-16-115291	GELC
SIMR-2	885.0	05/17/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	52.2	—	—	1	µg/L	Y	—	NQ	2016-1223	CAMO-16-115237	GELC
SIMR-2	885.0	02/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	49.7	—	—	1	µg/L	Y	—	NQ	2016-775	CAMO-16-110050	GELC
SIMR-2	885.0	11/15/17	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.089	0.125	0.44	—	pCi/L	Y	U	U	2018-922	CAMO-18-148085	GELC
SIMR-2	885.0	05/17/16	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.267	0.145	0.473	—	pCi/L	Y	U	U	2016-1223	CAMO-16-115234	GELC
SIMR-2	885.0	05/17/16	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0425	0.13	0.483	—	pCi/L	Y	U	U	2016-1223	CAMO-16-115268	GELC
SIMR-2	885.0	11/24/15	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.16	0.12	0.498	—	pCi/L	Y	U	U	2016-414	CASA-16-106221	GELC
SIMR-2	885.0	11/24/15	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.178	0.121	0.485	—	pCi/L	Y	U	U	2016-414	CASA-16-106249	GELC
SIMR-2	885.0	10/23/15	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.00578	0.115	0.425	—	pCi/L	Y	U	U	2016-125	CASA-16-106064	GELC
SIMR-2	885.0	12/14/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.02	—	—	0.133	mg/L	Y	—	J+	2018-1290	CAMO-18-150347	GELC
SIMR-2	885.0	11/15/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.85	—	—	0.133	mg/L	Y	—	NQ	2018-922	CAMO-18-148069	GELC
SIMR-2	885.0	10/30/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.88	—	—	0.133	mg/L	Y	—	NQ	2018-634	CAMO-18-147648	GELC
SIMR-2	885.0	08/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.85	—	—	0.133	mg/L	Y	—	NQ	2017-2418	CAMO-17-141987	GELC
SIMR-2	885.0	05/16/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.02	—	—	0.133	mg/L	Y	—	NQ	2017-1541	CAMO-17-132218	GELC
SIMR-2	885.0	02/15/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.79	—	—	0.133	mg/L	Y	—	NQ	2017-1031	CAMO-17-129304	GELC
SIMR-2	885.0	11/21/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.81	—	—	0.133	mg/L	Y	—	NQ	2017-538	CAMO-17-127261	GELC
SIMR-2	885.0	08/05/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.83	—	—	0.133	mg/L	Y	—	NQ	2016-1943	CAMO-16-124304	GELC
SIMR-2	885.0	05/17/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.86	—	—	0.133	mg/L	Y	—	NQ	2016-1223	CAMO-16-115237	GELC
SIMR-2	885.0	05/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.84	—	—	0.133	mg/L	Y	—	NQ	2016-1223	CAMO-16-115291	GELC
SIMR-2	885.0	02/18/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.82	—	—	0.133	mg/L	Y	—	NQ	2016-775	CAMO-16-110050	GELC
SIMR-2	885.0	12/14/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	2018-1290	CAMO-18-150347	GELC
SIMR-2	885.0	12/14/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	2018-1290	CAMO-18-150355	GELC
SIMR-2	885.0	11/15/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-922	CAMO-18-148069	GELC
SIMR-2	885.0	11/15/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-922	CAMO-18-148085	GELC
SIMR-2	885.0	10/30/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-634	CAMO-18-147663	GELC
SIMR-2	885.0	10/30/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-634	CAMO-18-147648	GELC
SIMR-2	885.0	08/08/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	2017-2418	CAMO-17-141987	GELC
SIMR-2	885.0	08/08/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	2017-2418	CAMO-17-142314	GELC
SIMR-2	885.0	05/16/17	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	2017-1541	CAMO-17-132238	GELC
SIMR-2	885.0	05/16/17	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	2017-1541	CAMO-17-132218	GELC
SIMR-2	885.0	02/15/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	Y	0.715	—	—	0.6	µg/L	Y	J	J	2017-1031	CAMO-17-129304	GELC
SIMR-2	885.0	11/21/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	2	—	—	0.6	µg/L	Y	U	U	2017-538	CAMO-17-127261	GELC
SIMR-2	885.0	08/05/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	2	—	—	0.45	µg/L	Y	U	U	2016-1943	CAMO-16-124304	GELC
SIMR-2	885.0	05/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	2	—	—	0.45	µg/L	Y	U	U	2016-1223	CAMO-16-115291	GELC
SIMR-2	885.0	05/17/16	WG	F	INIT	FD	INORGANIC	SW-846:6020	Thallium	Tl	N	2	—	—	0.45	µg/L	Y	U	U	2016-1223	CAMO-16-115237	GELC
SIMR-2	885.0	02/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	2	—	—	0.45	µg/L	Y	U	U	2016-775	CAMO-16-110050	GELC
SIMR-2	885.0	12/14/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	153	—	—	3.4	mg/L	Y	—	NQ	2018-1290	CAMO-18-150347	GELC
SIMR-2	885.0	11/15/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	156	—	—	3.4	mg/L	Y	—	NQ	2018-922	CAMO-18-148069	GELC
SIMR-2	885.0	10/30/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	166	—	—	3.4	mg/L	Y	—	NQ	2018-634	CAMO-18-147648	GELC
SIMR-2	885.0	08/08/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	141	—	—	3.4	mg/L	Y	—	NQ	2017-2418	CAMO-17-141987	GELC
SIMR-2	885.0	05/16/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	130	—	—	3.4	mg/L	Y	—	NQ	2017-1541	CAMO-17-132218	GELC
SIMR-2	885.0	02/15/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	160	—	—	3.4	mg/L	Y	—	NQ	2017-1031	CAMO-17-129304	GELC
SIMR-2	885.0	11/21/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	160	—	—	3.4	mg/L	Y	—	NQ	2017-538	CAMO-17-127261	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
SIMR-2	885.0	08/05/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	206	—	—	3.4	mg/L	Y	—	NQ	2016-1943	CAMO-16-124304	GELC
SIMR-2	885.0	05/17/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	131	—	—	3.4	mg/L	Y	—	NQ	2016-1223	CAMO-16-115237	GELC
SIMR-2	885.0	05/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	75.7	—	—	3.4	mg/L	Y	—	NQ	2016-1223	CAMO-16-115291	GELC
SIMR-2	885.0	02/18/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	114	—	—	3.4	mg/L	Y	—	J	2016-775	CAMO-16-110050	GELC
SIMR-2	885.0	12/14/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0993	—	—	0.033	mg/L	Y	J	J	2018-1290	CAMO-18-150355	GELC
SIMR-2	885.0	05/16/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.034	—	—	0.033	mg/L	Y	J	J	2017-1541	CAMO-17-132238	GELC
SIMR-2	885.0	02/15/17	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0767	—	—	0.033	mg/L	Y	J	J	2017-1031	CAMO-17-129320	GELC
SIMR-2	885.0	11/21/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.5	—	—	0.165	mg/L	Y	U	U	2017-538	CAMO-17-127241	GELC
SIMR-2	885.0	08/05/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2016-1943	CAMO-16-124280	GELC
SIMR-2	885.0	05/17/16	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2016-1223	CAMO-16-115234	GELC
SIMR-2	885.0	05/17/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2016-1223	CAMO-16-115268	GELC
SIMR-2	885.0	02/18/16	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0588	—	—	0.033	mg/L	Y	J	J	2016-775	CAMO-16-110032	GELC
SIMR-2	885.0	12/14/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0391	—	—	0.02	mg/L	Y	J	J	2018-1290	CAMO-18-150347	GELC
SIMR-2	885.0	11/15/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0302	—	—	0.02	mg/L	Y	J	J	2018-922	CAMO-18-148069	GELC
SIMR-2	885.0	05/16/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0414	—	—	0.02	mg/L	Y	J	J	2017-1541	CAMO-17-132218	GELC
SIMR-2	885.0	02/15/17	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.145	—	—	0.02	mg/L	Y	—	NQ	2017-1031	CAMO-17-129304	GELC
SIMR-2	885.0	11/21/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0536	—	—	0.02	mg/L	Y	—	NQ	2017-538	CAMO-17-127261	GELC
SIMR-2	885.0	08/05/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0566	—	—	0.02	mg/L	Y	—	NQ	2016-1943	CAMO-16-124304	GELC
SIMR-2	885.0	05/17/16	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0273	—	—	0.02	mg/L	Y	J	J	2016-1223	CAMO-16-115237	GELC
SIMR-2	885.0	05/17/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0355	—	—	0.02	mg/L	Y	J	J	2016-1223	CAMO-16-115291	GELC
SIMR-2	885.0	02/18/16	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0687	—	—	0.017	mg/L	Y	—	NQ	2016-775	CAMO-16-110050	GELC
SIMR-2	885.0	08/08/17	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.226	0.691	2.183	—	pCi/L	Y	U	U	2017-2444	CAMO-17-142314	ARSL
SIMR-2	885.0	05/16/17	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-2.045	0.926	3.091	—	pCi/L	Y	U	U	2017-1555	CAMO-17-132238	ARSL
SIMR-2	885.0	11/21/16	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.184	0.791	2.695	—	pCi/L	Y	U	U	2017-541	CAMO-17-127241	ARSL
SIMR-2	885.0	08/05/16	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.138	0.602	2.039	—	pCi/L	Y	U	U	2016-2037	CAMO-16-124280	ARSL
SIMR-2	885.0	05/17/16	WG	UF	RE	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	2.057	0.949	2.909	—	pCi/L	Y	U	U	2016-1238	CAMO-16-115234	ARSL
SIMR-2	885.0	05/17/16	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	2.327	0.726	2.004	—	pCi/L	Y	—	J-	2016-1238	CAMO-16-115234	ARSL
SIMR-2	885.0	05/17/16	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.893	0.726	2.142	—	pCi/L	Y	U	U	2016-1238	CAMO-16-115268	ARSL
SIMR-2	885.0	02/18/16	WG	UF	RE	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.704	0.884	2.939	—	pCi/L	Y	U	U	2016-771	CAMO-16-110032	ARSL
SIMR-2	885.0	02/18/16	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.932	0.606	1.941	—	pCi/L	Y	U	UJ	2016-771	CAMO-16-110032	ARSL
SIMR-2	885.0	12/14/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.422	—	—	0.067	ug/L	Y	—	NQ	2018-1290	CAMO-18-150347	GELC
SIMR-2	885.0	11/15/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.446	—	—	0.067	µg/L	Y	—	NQ	2018-922	CAMO-18-148069	GELC
SIMR-2	885.0	10/30/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.408	—	—	0.067	µg/L	Y	—	NQ	2018-634	CAMO-18-147648	GELC
SIMR-2	885.0	08/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.391	—	—	0.067	µg/L	Y	—	NQ	2017-2418	CAMO-17-141987	GELC
SIMR-2	885.0	05/16/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.41	—	—	0.067	µg/L	Y	—	NQ	2017-1541	CAMO-17-132218	GELC
SIMR-2	885.0	02/15/17	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.475	—	—	0.067	µg/L	Y	—	NQ	2017-1031	CAMO-17-129304	GELC
SIMR-2	885.0	11/21/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.445	—	—	0.067	µg/L	Y	—	NQ	2017-538	CAMO-17-127261	GELC
SIMR-2	885.0	08/05/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.462	—	—	0.067	µg/L	Y	—	NQ	2016-1943	CAMO-16-124304	GELC
SIMR-2	885.0	05/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.452	—	—	0.067	µg/L	Y	—	NQ	2016-1223	CAMO-16-115291	GELC
SIMR-2	885.0	05/17/16	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.448	—	—	0.067	µg/L	Y	—	NQ	2016-1223	CAMO-16-115237	GELC
SIMR-2	885.0	02/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.549	—	—	0.067	µg/L	Y	—	NQ	2016-775	CAMO-16-110050	GELC
SIMR-2	885.0	11/15/17	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.316	0.0422	0.233	—	pCi/L	Y	—	NQ	2018-922	CAMO-18-148085	GELC
SIMR-2	885.0	05/17/16	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.382	0.0308	0.0894	—	pCi/L	Y	—	NQ	2016-1223	CAMO-16-115234	GELC
SIMR-2	885.0	05/17/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.331	0.0278	0.0884	—	pCi/L	Y	—	NQ	2016-1223	CAMO-16-115268	GELC
SIMR-2	885.0	11/24/15	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.302	0.0298	0.108	—	pCi/L	Y	—	NQ	2016-414	CASA-16-106221	GELC
SIMR-2	885.0	11/24/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.388	0.0346	0.115	—	pCi/L	Y	—	NQ	2016-414	CASA-16-106249	GELC
SIMR-2	885.0	10/23/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.342	0.0298	0.108	—	pCi/L	Y	—	NQ	2016-125	CASA-16-106064	GELC
SIMR-2	885.0	11/15/17	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0397	0.0196	0.103	—	pCi/L	Y	U	U	2018-922	CAMO-18-148085	GELC
SIMR-2	885.0	05/17/16	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0252	0.0101	0.0612	—	pCi/L	Y	U	U	2016-1223	CAMO-16-115234	GELC
SIMR-2	885.0	05/17/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0304	0.0107	0.0606	—	pCi/L	Y	U	U	2016-1223	CAMO-16-115268	GELC
SIMR-2	885.0	11/24/15	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0343	0.0128	0.0738	—	pCi/L	Y	U	U	2016-414	CASA-16-106221	GELC
SIMR-2	885.0	11/24/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0585	0.0155	0.0787	—	pCi/L	Y	U	U	2016-414	CASA-16-106249	GELC
SIMR-2	885.0	10/23/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0493	0.0138	0.0867	—	pCi/L	Y	U	U	2016-125	CASA-16-106064	GELC

Table C-2 Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
SIMR-2	885.0	11/15/17	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.112	0.03	0.137	—	pCi/L	Y	U	U	2018-922	CAMO-18-148085	GELC
SIMR-2	885.0	05/17/16	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.154	0.0195	0.0582	—	pCi/L	Y	—	NQ	2016-1223	CAMO-16-115234	GELC
SIMR-2	885.0	05/17/16	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.161	0.0203	0.0576	—	pCi/L	Y	—	NQ	2016-1223	CAMO-16-115268	GELC
SIMR-2	885.0	11/24/15	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.178	0.0229	0.0926	—	pCi/L	Y	—	NQ	2016-414	CASA-16-106221	GELC
SIMR-2	885.0	11/24/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.148	0.0218	0.0988	—	pCi/L	Y	—	NQ	2016-414	CASA-16-106249	GELC
SIMR-2	885.0	10/23/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.207	0.0235	0.079	—	pCi/L	Y	—	NQ	2016-125	CASA-16-106064	GELC
SIMR-2	885.0	12/14/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.63	—	—	1	ug/L	Y	—	NQ	2018-1290	CAMO-18-150347	GELC
SIMR-2	885.0	11/15/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.4	—	—	1	µg/L	Y	—	NQ	2018-922	CAMO-18-148069	GELC
SIMR-2	885.0	10/30/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.48	—	—	1	µg/L	Y	—	NQ	2018-634	CAMO-18-147648	GELC
SIMR-2	885.0	08/08/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.66	—	—	1	µg/L	Y	—	NQ	2017-2418	CAMO-17-141987	GELC
SIMR-2	885.0	05/16/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.78	—	—	1	µg/L	Y	—	NQ	2017-1541	CAMO-17-132218	GELC
SIMR-2	885.0	02/15/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.26	—	—	1	µg/L	Y	—	NQ	2017-1031	CAMO-17-129304	GELC
SIMR-2	885.0	11/21/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.51	—	—	1	µg/L	Y	—	NQ	2017-538	CAMO-17-127261	GELC
SIMR-2	885.0	08/05/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.03	—	—	1	µg/L	Y	—	NQ	2016-1943	CAMO-16-124304	GELC
SIMR-2	885.0	05/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.47	—	—	1	µg/L	Y	—	NQ	2016-1223	CAMO-16-115291	GELC
SIMR-2	885.0	05/17/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.9	—	—	1	µg/L	Y	—	NQ	2016-1223	CAMO-16-115237	GELC
SIMR-2	885.0	02/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.78	—	—	1	µg/L	Y	—	NQ	2016-775	CAMO-16-110050	GELC
SIMR-2	885.0	02/15/17	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	28.5	—	—	3.3	µg/L	Y	—	NQ	2017-1031	CAMO-17-129304	GELC
SIMR-2	885.0	11/21/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2017-538	CAMO-17-127261	GELC
SIMR-2	885.0	08/05/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2016-1943	CAMO-16-124304	GELC
SIMR-2	885.0	05/17/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2016-1223	CAMO-16-115291	GELC
SIMR-2	885.0	05/17/16	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2016-1223	CAMO-16-115237	GELC
SIMR-2	885.0	02/18/16	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2016-775	CAMO-16-110050	GELC

Appendix D

Groundwater Results Greater Than Half of Screening Values

Zone	Location	Screen Top Depth (ft)	Sample Date	Analysis Suite	Parameter Name	Parameter Code	Field Prep Code	Analysis Type Code	Field Quality Control Code	Detect Flag	Report Result	Method Detection Limit	Unit	Dilution Factor	Lab Qualifier	Validation Qualifier	Validation Reason	Best Value Flag	Analytical Method	Lab ID	Screening Value	Screening-Value Type	Result/Screening Value
Intermediate	MCOI-5	689.04	11/10/17	SVOC[a]	Dioxane[1,4-]	123-91-1	UF[b]	INIT[c]	REG[d]	Y[e]	17.8	3.33	µg/L	1	—[f]	NQ[g]	NQ	Y	SW-846:8270D	GELC[h]	4.59	NMED A1 TAP SCRN LVL[i]	3.88
Intermediate	MCOI-5	689.04	05/09/17	SVOC	Dioxane[1,4-]	123-91-1	UF	INIT	REG	Y	13.3	3.16	µg/L	1	—	NQ	NQ	Y	SW-846:8270D	GELC	4.59	NMED A1 TAP SCRN LVL	2.90
Intermediate	MCOI-5	689.04	05/09/17	General Chemistry	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	F[j]	INIT	REG	Y	11.4	0.425	mg/L	25.0	—	NQ	NQ	Y	EPA:353.2	GELC	10	EPA MCL	1.14
Intermediate	MCOI-5	689.04	02/08/17	General Chemistry	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	F	INIT	REG	Y	10.3	0.170	mg/L	10.0	—	NQ	NQ	Y	EPA:353.2	GELC	10	EPA MCL	1.03
Intermediate	MCOI-5	689.04	07/31/17	General Chemistry	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	F	INIT	REG	Y	11.2	0.170	mg/L	10.0	—	NQ	NQ	Y	EPA:353.2	GELC	10	EPA MCL	1.12
Intermediate	MCOI-5	689.04	11/10/17	General Chemistry	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	F	INIT	REG	Y	15.0	0.850	mg/L	50.0	—	NQ	NQ	Y	EPA:353.2	GELC	10	EPA MCL	1.50
Intermediate	MCOI-5	689.04	05/09/17	LCMS/MS[k] Perchlorate	Perchlorate	ClO4	F	INIT	REG	Y	188	10.0	µg/L	200	—	NQ	NQ	Y	SW-846:6850	GELC	13.8	NMED A1 TAP SCRN LVL	13.62
Intermediate	MCOI-5	689.04	02/08/17	LCMS/MS Perchlorate	Perchlorate	ClO4	F	INIT	REG	Y	174	12.5	µg/L	250	—	NQ	NQ	Y	SW-846:6850	GELC	13.8	NMED A1 TAP SCRN LVL	12.61
Intermediate	MCOI-5	689.04	07/31/17	LCMS/MS Perchlorate	Perchlorate	ClO4	F	INIT	REG	Y	196	10.0	µg/L	200	—	NQ	NQ	Y	SW-846:6850	GELC	13.8	NMED A1 TAP SCRN LVL	14.20
Intermediate	MCOI-5	689.04	11/10/17	LCMS/MS Perchlorate	Perchlorate	ClO4	F	INIT	REG	Y	202	10.0	µg/L	200	—	NQ	NQ	Y	SW-846:6850	GELC	13.8	NMED A1 TAP SCRN LVL	14.64
Intermediate	MCOI-6	686.00	02/08/17	Inorganic	Chromium	Cr	F	INIT	REG	Y	76.3	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020	GELC	50	NMWQCC GW STD[l]	1.53
Intermediate	MCOI-6	686.00	05/11/17	Inorganic	Chromium	Cr	F	INIT	REG	Y	75.1	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020	GELC	50	NMWQCC GW STD	1.50
Intermediate	MCOI-6	686.00	11/09/17	Inorganic	Chromium	Cr	F	INIT	REG	Y	69.4	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020	GELC	50	NMWQCC GW STD	1.39
Intermediate	MCOI-6	686.00	08/07/17	Inorganic	Chromium	Cr	F	INIT	REG	Y	66.8	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020	GELC	50	NMWQCC GW STD	1.34
Intermediate	MCOI-6	686.00	05/11/17	Inorganic	Chromium	Cr	F	INIT	FD[m]	Y	71	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020	GELC	50	NMWQCC GW STD	1.42
Intermediate	MCOI-6	686.00	11/09/17	SVOC	Dioxane[1,4-]	123-91-1	UF	INIT	REG	Y	10.2	3.00	µg/L	1	—	NQ	NQ	Y	SW-846:8270D	GELC	4.59	NMED A1 TAP SCRN LVL	2.22
Intermediate	MCOI-6	686.00	05/11/17	SVOC	Dioxane[1,4-]	123-91-1	UF	INIT	FD	Y	10.2	3.09	µg/L	1	J[n]	J	J_LAB[o]	Y	SW-846:8270D	GELC	4.59	NMED A1 TAP SCRN LVL	2.22
Intermediate	MCOI-6	686.00	05/11/17	SVOC	Dioxane[1,4-]	123-91-1	UF	INIT	REG	Y	10.8	3.06	µg/L	1	—	NQ	NQ	Y	SW-846:8270D	GELC	4.59	NMED A1 TAP SCRN LVL	2.35
Intermediate	MCOI-6	686.00	02/08/17	General Chemistry	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	F	INIT	REG	Y	9.19	0.170	mg/L	10.0	—	NQ	NQ	Y	EPA:353.2	GELC	10	EPA MCL	0.92
Intermediate	MCOI-6	686.00	05/11/17	General Chemistry	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	F	INIT	REG	Y	9.53	0.425	mg/L	25.0	—	NQ	NQ	Y	EPA:353.2	GELC	10	EPA MCL	0.95
Intermediate	MCOI-6	686.00	11/09/17	General Chemistry	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	F	INIT	REG	Y	11.5	0.850	mg/L	50.0	—	NQ	NQ	Y	EPA:353.2	GELC	10	EPA MCL	1.15
Intermediate	MCOI-6	686.00	08/07/17	General Chemistry	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	F	INIT	REG	Y	9.71	0.170	mg/L	10.0	—	NQ	NQ	Y	EPA:353.2	GELC	10	EPA MCL	0.97
Intermediate	MCOI-6	686.00	05/11/17	General Chemistry	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	F	INIT	FD	Y	9.58	0.425	mg/L	25.0	—	NQ	NQ	Y	EPA:353.2	GELC	10	EPA MCL	0.96
Intermediate	MCOI-6	686.00	02/08/17	LCMS/MS Perchlorate	Perchlorate	ClO4	F	INIT	REG	Y	79.1	5.00	µg/L	100	—	NQ	NQ	Y	SW-846:6850	GELC	13.8	NMED A1 TAP SCRN LVL	5.73
Intermediate	MCOI-6	686.00	05/11/17	LCMS/MS Perchlorate	Perchlorate	ClO4	F	INIT	REG	Y	82.9	5.00	µg/L	100	—	NQ	NQ	Y	SW-846:6850	GELC	13.8	NMED A1 TAP SCRN LVL	6.01

Zone	Location	Screen Top Depth (ft)	Sample Date	Analysis Suite	Parameter Name	Parameter Code	Field Prep Code	Analysis Type Code	Field Quality Control Code	Detect Flag	Report Result	Method Detection Limit	Unit	Dilution Factor	Lab Qualifier	Validation Qualifier	Validation Reason	Best Value Flag	Analytical Method	Lab ID	Screening Value	Screening-Value Type	Result/Screening Value
Intermediate	MCOI-6	686.00	11/09/17	LCMS/MS Perchlorate	Perchlorate	ClO4	F	INIT	REG	Y	87.5	5.00	µg/L	100	—	J	PE12d	Y	SW-846:6850	GELC	13.8	NMED A1 TAP SCRN LVL	6.34
Intermediate	MCOI-6	686.00	08/07/17	LCMS/MS Perchlorate	Perchlorate	ClO4	F	INIT	REG	Y	82.9	5.00	µg/L	100	—	NQ	NQ	Y	SW-846:6850	GELC	13.8	NMED A1 TAP SCRN LVL	6.01
Intermediate	MCOI-6	686.00	05/11/17	LCMS/MS Perchlorate	Perchlorate	ClO4	F	INIT	FD	Y	72.7	5.00	µg/L	100	—	NQ	NQ	Y	SW-846:6850	GELC	13.8	NMED A1 TAP SCRN LVL	5.27
Intermediate	SCI-2	548.00	07/31/17	Inorganic	Chromium	Cr	F	INIT	REG	Y	363	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020	GELC	50	NMWQCC GW STD	7.26
Intermediate	SCI-2	548.00	05/04/17	Inorganic	Chromium	Cr	F	INIT	REG	Y	354	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020	GELC	50	NMWQCC GW STD	7.08
Intermediate	SCI-2	548.00	02/14/17	Inorganic	Chromium	Cr	F	INIT	REG	Y	360	30.0	µg/L	10.0	—	NQ	NQ	Y	SW-846:6020	GELC	50	NMWQCC GW STD	7.20
Intermediate	SCI-2	548.00	11/13/17	Inorganic	Chromium	Cr	F	INIT	REG	Y	387	30.0	µg/L	10.0	—	NQ	NQ	Y	SW-846:6020	GELC	50	NMWQCC GW STD	7.74
Intermediate	SCI-2	548.00	11/13/17	Inorganic	Chromium	Cr	F	INIT	FD	Y	331	30.0	µg/L	10.0	—	NQ	NQ	Y	SW-846:6020	GELC	50	NMWQCC GW STD	6.62
Regional	R-11	855.00	08/01/17	General Chemistry	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	F	INIT	REG	Y	5.35	0.170	mg/L	10.0	—	NQ	NQ	Y	EPA:353.2	GELC	10	EPA MCL	0.54
Regional	R-11	855.00	02/09/17	General Chemistry	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	F	INIT	REG	Y	5.81	0.170	mg/L	10.0	—	NQ	NQ	Y	EPA:353.2	GELC	10	EPA MCL	0.58
Regional	R-11	855.00	05/05/17	General Chemistry	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	F	INIT	REG	Y	5.20	0.425	mg/L	25.0	—	NQ	NQ	Y	EPA:353.2	GELC	10	EPA MCL	0.52
Regional	R-11	855.00	02/09/17	General Chemistry	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	F	INIT	FD	Y	6.22	0.170	mg/L	10.0	—	NQ	NQ	Y	EPA:353.2	GELC	10	EPA MCL	0.62
Regional	R-11	855.00	11/08/17	General Chemistry	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	F	INIT	REG	Y	5.35	0.085	mg/L	5.00	—	NQ	NQ	Y	EPA:353.2	GELC	10	EPA MCL	0.54
Regional	R-15	958.60	08/03/17	LCMS/MS Perchlorate	Perchlorate	ClO4	F	INIT	REG	Y	9.52	0.500	µg/L	10	—	NQ	NQ	Y	SW-846:6850	GELC	13.8	NMED A1 TAP SCRN LVL	0.69
Regional	R-15	958.60	11/08/17	LCMS/MS Perchlorate	Perchlorate	ClO4	F	INIT	FD	Y	9.94	0.500	µg/L	10	—	NQ	NQ	Y	SW-846:6850	GELC	13.8	NMED A1 TAP SCRN LVL	0.72
Regional	R-15	958.60	05/15/17	LCMS/MS Perchlorate	Perchlorate	ClO4	F	INIT	REG	Y	9.95	0.500	µg/L	10	—	NQ	NQ	Y	SW-846:6850	GELC	13.8	NMED A1 TAP SCRN LVL	0.72
Regional	R-15	958.60	11/08/17	LCMS/MS Perchlorate	Perchlorate	ClO4	F	INIT	REG	Y	9.88	0.500	µg/L	10	—	NQ	NQ	Y	SW-846:6850	GELC	13.8	NMED A1 TAP SCRN LVL	0.72
Regional	R-15	958.60	02/08/17	LCMS/MS Perchlorate	Perchlorate	ClO4	F	INIT	REG	Y	9.62	0.500	µg/L	10	—	NQ	NQ	Y	SW-846:6850	GELC	13.8	NMED A1 TAP SCRN LVL	0.70
Regional	R-28	934.30	08/02/17	Inorganic	Chromium	Cr	F	INIT	REG	Y	466	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020	GELC	50	NMWQCC GW STD	9.32
Regional	R-28	934.30	05/10/17	Inorganic	Chromium	Cr	F	INIT	REG	Y	501	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020	GELC	50	NMWQCC GW STD	10.02
Regional	R-28	934.30	02/07/17	Inorganic	Chromium	Cr	F	INIT	REG	Y	545	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020	GELC	50	NMWQCC GW STD	10.90
Regional	R-28	934.30	02/07/17	Inorganic	Chromium	Cr	F	INIT	FD	Y	550	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020	GELC	50	NMWQCC GW STD	11.00
Regional	R-42	931.80	05/10/17	Inorganic	Chromium	Cr	F	INIT	REG	Y	776	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020	GELC	50	NMWQCC GW STD	15.52
Regional	R-42	931.80	07/28/17	Inorganic	Chromium	Cr	F	INIT	REG	Y	793	3.00	µg/L	1.00	—	J-[p]	I6a	Y	SW-846:6020	GELC	50	NMWQCC GW STD	15.86
Regional	R-42	931.80	05/10/17	General Chemistry	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	F	INIT	REG	Y	5.40	0.170	mg/L	10.0	—	NQ	NQ	Y	EPA:353.2	GELC	10	EPA MCL	0.54
Regional	R-42	931.80	07/28/17	General Chemistry	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	F	INIT	REG	Y	5.35	0.085	mg/L	5.00	—	NQ	NQ	Y	EPA:353.2	GELC	10	EPA MCL	0.54

Zone	Location	Screen Top Depth (ft)	Sample Date	Analysis Suite	Parameter Name	Parameter Code	Field Prep Code	Analysis Type Code	Field Quality Control Code	Detect Flag	Report Result	Method Detection Limit	Unit	Dilution Factor	Lab Qualifier	Validation Qualifier	Validation Reason	Best Value Flag	Analytical Method	Lab ID	Screening Value	Screening-Value Type	Result/Screening Value
Regional	R-43 S1	903.90	08/09/17	Inorganic	Chromium	Cr	F	INIT	REG	Y	176	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020	GELC	50	NMWQCC GW STD	3.52
Regional	R-43 S1	903.90	05/08/17	Inorganic	Chromium	Cr	F	INIT	REG	Y	172	15.0	µg/L	5.00	—	NQ	NQ	Y	SW-846:6020	GELC	50	NMWQCC GW STD	3.44
Regional	R-43 S1	903.90	02/13/17	Inorganic	Chromium	Cr	F	INIT	REG	Y	173	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020	GELC	50	NMWQCC GW STD	3.46
Regional	R-43 S1	903.90	11/09/17	Inorganic	Chromium	Cr	F	INIT	REG	Y	178	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020	GELC	50	NMWQCC GW STD	3.56
Regional	R-43 S1	903.90	02/13/17	General Chemistry	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	F	INIT	REG	Y	5.74	0.170	mg/L	10.0	—	NQ	NQ	Y	EPA:353.2	GELC	10	EPA MCL	0.57
Regional	R-43 S1	903.90	11/09/17	General Chemistry	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	F	INIT	REG	Y	5.43	0.170	mg/L	10.0	—	NQ	NQ	Y	EPA:353.2	GELC	10	EPA MCL	0.54
Regional	R-45 S1	880.00	02/07/17	Inorganic	Chromium	Cr	F	INIT	REG	Y	43.4	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020	GELC	50	NMWQCC GW STD	0.87
Regional	R-45 S1	880.00	11/20/17	Inorganic	Chromium	Cr	F	INIT	REG	Y	41.7	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020	GELC	50	NMWQCC GW STD	0.83
Regional	R-45 S1	880.00	10/31/17	Inorganic	Chromium	Cr	F	INIT	REG	Y	42.4	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020	GELC	50	NMWQCC GW STD	0.85
Regional	R-45 S1	880.00	05/17/17	Inorganic	Chromium	Cr	F	INIT	REG	Y	41.7	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020	GELC	50	NMWQCC GW STD	0.83
Regional	R-45 S1	880.00	12/18/17	Inorganic	Chromium	Cr	F	INIT	REG	Y	50.7	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020	GELC	50	NMWQCC GW STD	1.01
Regional	R-45 S1	880.00	08/02/17	Inorganic	Chromium	Cr	F	INIT	REG	Y	42.7	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020	GELC	50	NMWQCC GW STD	0.85
Regional	R-45 S1	880.00	08/02/17	Inorganic	Chromium	Cr	F	INIT	FD	Y	43	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020	GELC	50	NMWQCC GW STD	0.86
Regional	R-45 S2	974.90	10/31/17	Inorganic	Chromium	Cr	F	INIT	FD	Y	42.5	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020	GELC	50	NMWQCC GW STD	0.85
Regional	R-45 S2	974.90	10/31/17	Inorganic	Chromium	Cr	F	RE	FD	Y	47.4	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020	GELC	50	NMWQCC GW STD	0.95
Regional	R-45 S2	974.90	12/18/17	Inorganic	Chromium	Cr	F	INIT	REG	Y	25.1	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020	GELC	50	NMWQCC GW STD	0.50
Regional	R-45 S2	974.90	10/31/17	Inorganic	Chromium	Cr	F	INIT	REG	Y	42.3	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020	GELC	50	NMWQCC GW STD	0.85
Regional	R-50 S1	1077.00	02/21/17	Inorganic	Chromium	Cr	F	INIT	REG	Y	133	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020	GELC	50	NMWQCC GW STD	2.66
Regional	R-50 S1	1077.00	12/14/17	Inorganic	Chromium	Cr	F	INIT	REG	Y	134	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020	GELC	50	NMWQCC GW STD	2.68
Regional	R-50 S1	1077.00	11/16/17	Inorganic	Chromium	Cr	F	INIT	REG	Y	125	3.00	µg/L	1.00	N[q]	J-	I6a	Y	SW-846:6020	GELC	50	NMWQCC GW STD	2.50
Regional	R-50 S1	1077.00	12/14/17	Inorganic	Chromium	Cr	F	INIT	FD	Y	136	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020	GELC	50	NMWQCC GW STD	2.72
Regional	R-50 S1	1077.00	10/26/17	Inorganic	Chromium	Cr	F	INIT	REG	Y	150	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020	GELC	50	NMWQCC GW STD	3.00
Regional	R-50 S1	1077.00	05/17/17	Inorganic	Chromium	Cr	F	INIT	REG	Y	128	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020	GELC	50	NMWQCC GW STD	2.56
Regional	R-50 S1	1077.00	07/28/17	Inorganic	Chromium	Cr	F	INIT	REG	Y	131	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020	GELC	50	NMWQCC GW STD	2.62
Regional	R-61 S1	1125.00	12/19/17	LCMS/MS Perchlorate	Perchlorate	ClO4	F	INIT	REG	Y	12.1	0.500	µg/L	10	—	NQ	NQ	Y	SW-846:6850	GELC	13.8	NMED A1 TAP SCRN LVL	0.88
Regional	R-61 S1	1125.00	11/17/17	LCMS/MS Perchlorate	Perchlorate	ClO4	F	INIT	REG	Y	11.9	0.500	µg/L	10	—	J	PE12d	Y	SW-846:6850	GELC	13.8	NMED A1 TAP SCRN LVL	0.86
Regional	R-61 S1	1125.00	10/31/17	LCMS/MS Perchlorate	Perchlorate	ClO4	F	INIT	REG	Y	10.7	0.500	µg/L	10	—	NQ	NQ	Y	SW-846:6850	GELC	13.8	NMED A1 TAP SCRN LVL	0.78
Regional	R-62	1158.4	11/17/17	Inorganic	Chromium	Cr	F	INIT	REG	Y	260	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020	GELC	50	NMWQCC GW STD	5.20

Zone	Location	Screen Top Depth (ft)	Sample Date	Analysis Suite	Parameter Name	Parameter Code	Field Prep Code	Analysis Type Code	Field Quality Control Code	Detect Flag	Report Result	Method Detection Limit	Unit	Dilution Factor	Lab Qualifier	Validation Qualifier	Validation Reason	Best Value Flag	Analytical Method	Lab ID	Screening Value	Screening-Value Type	Result/Screening Value
Regional	R-62	1158.4	08/04/17	Inorganic	Chromium	Cr	F	INIT	REG	Y	232	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020	GELC	50	NMWQCC GW STD	4.64
Regional	R-62	1158.4	02/21/17	Inorganic	Chromium	Cr	F	INIT	REG	Y	217	3.00	µg/L	1.00	—	J+[r]	I6b	Y	SW-846:6020	GELC	50	NMWQCC GW STD	4.34
Regional	R-62	1158.4	05/08/17	Inorganic	Chromium	Cr	F	INIT	REG	Y	228	15.0	µg/L	5.00	—	NQ	NQ	Y	SW-846:6020	GELC	50	NMWQCC GW STD	4.56

[a] SVOC = Semivolatile organic compound.

[b] UF = Unfiltered.

[c] INIT = Initial.

[d] REG = Regular.

[e] Y = Yes.

[f] — = None.

[g] NQ = Not qualified.

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

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

[j] F = Filtered.

[k] LCMS/MS = Liquid chromatography mass spectrometry/mass spectrometry.

[l] NMWQCC GW STD= New Mexico Water Quality Control Commission groundwater standard.

[m] FD = Field duplicate.

[n] In this column, J = The associated numerical value is an estimated quantity.

[o] J_LAB = The analytical laboratory qualified the detected result as estimated (J) because the result was less than the practical quantitation limit but greater than the method detection limit.

[p] J- = The analyte is classified as detected, but the reported concentration value is expected to be more uncertain than usual with a potential negative bias.

[q] In this column, N = Spiked sample recovery was not within control limits.

[r] J+ = The analyte is classified as detected, but the reported concentration value is expected to be more uncertain than usual with a potential positive bias.

Appendix E

Analytical Chemistry Graphs of Screening-Value Exceedances

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

MCOI-5; filtered Perchlorate, depth: 689.04 ft
Perchlorate (all results were detected)
NMED A1
MY17 Q2 and Q4
Concentration (ug/L)
250
200
150
100
50
0
3/31/2014
11/17/2014
7/7/2015
2/23/2016
10/12/2016
5/31/2017
1/18/2018
Date

MCOI-6; filtered Chromium, depth: 686 ft
Chromium (all results were detected)
NM WQCC
MY17 Q2 and Q4
Concentration (ug/L)
100
90
80
70
60
50
40
30
20
10
0
3/31/2014
11/17/2014
7/7/2015
2/23/2016
10/12/2016
5/31/2017
1/18/2018
Date

MCOI-6; unfiltered Dioxane[1,4-], depth: 686 ft
Concentration (ug/L)
12
10
8
6
4
2
0
3/31/2014
11/17/2014
7/7/2015
2/23/2016
10/12/2016
5/31/2017
1/18/2018
Date
Dioxane[1,4-] (all results were detected)
NMED A1
MY17 Q2 and Q4

MCOI-6; filtered Nitrate-Nitrite as Nitrogen, depth: 686 ft
Concentration (mg/L)
14
12
10
8
6
4
2
0
3/31/2014
11/17/2014
7/7/2015
2/23/2016
10/12/2016
5/31/2017
1/18/2018
Date
Nitrate-Nitrite as Nitrogen (all results were detected)
MCL
MY17 Q2 and Q4

MCOI-6; filtered Perchlorate, depth: 686 ft
Concentration (ug/L)
100
90
80
70
60
50
40
30
20
10
0
3/31/2014
11/17/2014
7/7/2015
2/23/2016
10/12/2016
5/31/2017
1/18/2018
Date
Perchlorate (all results were detected)
NMED A1
MY17 Q2 and Q4

R-28; filtered Chromium, depth: 934.3 ft
Concentration (ug/L)
600
500
400
300
200
100
0
3/31/2014
11/17/2014
7/7/2015
2/23/2016
10/12/2016
5/31/2017
1/18/2018
Date
Chromium (all results were detected)
NM WQCC
MY17 Q2 and Q4

R-42; filtered Chromium, depth: 931.8 ft
Concentration (ug/L)
1200
1000
800
600
400
200
0
3/31/2014
11/17/2014
7/7/2015
2/23/2016
10/12/2016
5/31/2017
1/18/2018
Date
Chromium (all results were detected)
NM WQCC
MY17 Q2 and Q4

R-43 S1; filtered Chromium, depth: 903.9 ft
Concentration (ug/L)
200
180
160
140
120
100
80
60
40
20
0
3/31/2014
11/17/2014
7/7/2015
2/23/2016
10/12/2016
5/31/2017
1/18/2018
Date
Chromium (all results were detected)
NM WQCC
MY17 Q2 and Q4

R-45 S1; filtered Chromium, depth: 880 ft
Concentration (ug/L)
60
50
40
30
20
10
0
3/31/2014
11/17/2014
7/7/2015
2/23/2016
10/12/2016
5/31/2017
1/18/2018
Date
Chromium (all results were detected)
NM WQCC
MY17 Q2 and Q4

R-50 S1; filtered Chromium, depth: 1077 ft
Concentration (ug/L)
160
140
120
100
80
60
40
20
0
3/31/2014
11/17/2014
7/7/2015
2/23/2016
10/12/2016
5/31/2017
1/18/2018
Date
Chromium (all results were detected)
NM WQCC
MY17 Q2 and Q4

R-62; filtered Chromium, depth: 1158.4 ft
Chromium (all results were detected)
NM WQCC
MY17 Q2 and Q4
Concentration (ug/L)
300
250
200
150
100
50
0
3/31/2014
11/17/2014
7/7/2015
2/23/2016
10/12/2016
5/31/2017
1/18/2018
Date

SCI-2; filtered Chromium, depth: 548 ft
Chromium (all results were detected)
NM WQCC
MY17 Q2 and Q4
Concentration (ug/L)
500
450
400
350
300
250
200
150
100
50
0
3/31/2014
11/17/2014
7/7/2015
2/23/2016
10/12/2016
5/31/2017
1/18/2018
Date

Appendix F

Analytical Reports
(on CD included with this document)

CD Table of Contents

Chain of Custody	Category	Lab	Sample	Date	Location	Screen Top Depth (ft)	Screen Bottom Depth (ft)
2017-649	Inorganic	UIL[a]	CASA-17-127292	11/09/16	R-35b	825.40	848.50
2017-650	Inorganic	UIL	CAMO-17-127252	11/07/16	R-44 S1	895.00	905.00
2017-985	Inorganic	GELC[b]	CAMO-17-129293	02/07/17	R-28	934.30	958.10
2017-985	Inorganic	GELC	CAMO-17-129309	02/07/17	R-28	934.30	958.10
2017-985	Inorganic	GELC	CAMO-17-129321	02/07/17	R-28	934.30	958.10
2017-985	Inorganic	GELC	CAMO-17-129322	02/07/17	R-28	934.30	958.10
2017-986	Inorganic	GELC	CAMO-17-129315	02/07/17	R-45 S1	880.00	890.00
2017-986	Inorganic	GELC	CAMO-17-129411	02/07/17	R-45 S1	880.00	890.00
2017-986	Inorganic	GELC	CAMO-17-129316	02/07/17	R-45 S2	974.90	994.90
2017-986	Inorganic	GELC	CAMO-17-129412	02/07/17	R-45 S2	974.90	994.90
2017-993	Inorganic	GELC	CAMO-17-129289	02/08/17	MCOI-5	689.04	699.00
2017-993	Inorganic	GELC	CAMO-17-129305	02/08/17	MCOI-5	689.04	699.00
2017-993	Inorganic	GELC	CAMO-17-129290	02/08/17	MCOI-6	686.00	708.30
2017-993	Inorganic	GELC	CAMO-17-129306	02/08/17	MCOI-6	686.00	708.30
2017-993	Inorganic	GELC	CAMO-17-129292	02/08/17	R-15	958.60	1020.30
2017-993	Inorganic	GELC	CAMO-17-129308	02/08/17	R-15	958.60	1020.30
2017-1003	Inorganic	GELC	CASA-17-129325	02/09/17	R-35a	1013.10	1062.20
2017-1003	Inorganic	GELC	CASA-17-129331	02/09/17	R-35a	1013.10	1062.20
2017-1005	Inorganic	GELC	CASA-17-129323	02/09/17	R-11	855.00	877.90
2017-1005	Inorganic	GELC	CASA-17-129324	02/09/17	R-11	855.00	877.90
2017-1005	Inorganic	GELC	CASA-17-129338	02/09/17	R-11	855.00	877.90
2017-1005	Inorganic	GELC	CASA-17-129339	02/09/17	R-11	855.00	877.90
2017-1005	Inorganic	GELC	CAMO-17-129291	02/10/17	R-13	958.33	1018.72
2017-1005	Inorganic	GELC	CAMO-17-129307	02/10/17	R-13	958.33	1018.72
2017-1005	Inorganic	GELC	CASA-17-129326	02/09/17	R-35b	825.40	848.50
2017-1005	Inorganic	GELC	CASA-17-129332	02/09/17	R-35b	825.40	848.50
2017-1005	Inorganic	GELC	CAMO-17-129297	02/10/17	R-44 S1	895.00	905.00
2017-1005	Inorganic	GELC	CAMO-17-129313	02/10/17	R-44 S1	895.00	905.00
2017-1011	Inorganic	GELC	CAMO-17-129294	02/13/17	R-33 S1	995.50	1018.50
2017-1011	Inorganic	GELC	CAMO-17-129310	02/13/17	R-33 S1	995.50	1018.50
2017-1011	Inorganic	GELC	CAMO-17-129295	02/13/17	R-33 S2	1112.40	1122.30
2017-1011	Inorganic	GELC	CAMO-17-129311	02/13/17	R-33 S2	1112.40	1122.30
2017-1011	Inorganic	GELC	CASA-17-129334	02/13/17	R-43 S1	903.90	924.60
2017-1011	Inorganic	GELC	CASA-17-129340	02/13/17	R-43 S1	903.90	924.60
2017-1011	Inorganic	GELC	CASA-17-129329	02/13/17	R-43 S2	969.10	979.10
2017-1011	Inorganic	GELC	CASA-17-129335	02/13/17	R-43 S2	969.10	979.10
2017-1017	Inorganic	GELC	CASA-17-129327	02/14/17	R-36	766.90	789.90
2017-1017	Inorganic	GELC	CASA-17-129333	02/14/17	R-36	766.90	789.90

Chain of Custody	Category	Lab	Sample	Date	Location	Screen Top Depth (ft)	Screen Bottom Depth (ft)
2017-1017	Inorganic	GELC	CASA-17-129661	02/14/17	SCI-2	548.00	568.00
2017-1017	Inorganic	GELC	CASA-17-129662	02/14/17	SCI-2	548.00	568.00
2017-1031	Inorganic	GELC	CAMO-17-129304	02/15/17	SIMR-2	885	905.4
2017-1031	Inorganic	GELC	CAMO-17-129320	02/15/17	SIMR-2	885	905.4
2017-1050	Inorganic	GELC	CAMO-17-129302	02/16/17	R-50 S2	1185.00	1205.60
2017-1050	Inorganic	GELC	CAMO-17-129318	02/16/17	R-50 S2	1185.00	1205.60
2017-1050	Inorganic	GELC	CASA-17-129341	02/16/17	R-67	1242.6	1263
2017-1050	Inorganic	GELC	CASA-17-129346	02/16/17	R-67	1242.6	1263
2017-1054	Inorganic	GELC	CAMO-17-129298	02/17/17	R-44 S2	985.30	995.20
2017-1054	Inorganic	GELC	CAMO-17-129314	02/17/17	R-44 S2	985.30	995.20
2017-1058	Inorganic	GELC	CAMO-17-129303	02/21/17	R-62	1158.4	1179.1
2017-1058	Inorganic	GELC	CAMO-17-129319	02/21/17	R-62	1158.4	1179.1
2017-1060	Inorganic	GELC	CAMO-17-129317	02/21/17	R-50 S1	1077.00	1087.00
2017-1060	Inorganic	GELC	CAMO-17-129413	02/21/17	R-50 S1	1077.00	1087.00
2017-1392	Inorganic	UIL	CAMO-17-129290	02/08/17	MCOI-6	686.00	708.30
2017-1392	Inorganic	UIL	CASA-17-129340	02/13/17	R-43 S1	903.90	924.60
2017-1392	Inorganic	UIL	CAMO-17-129411	02/07/17	R-45 S1	880.00	890.00
2017-1392	Inorganic	UIL	CAMO-17-129412	02/07/17	R-45 S2	974.90	994.90
2017-1392	Inorganic	UIL	CAMO-17-129413	02/21/17	R-50 S1	1077.00	1087.00
2017-1392	Inorganic	UIL	CASA-17-129341	02/16/17	R-67	1242.6	1263
2017-1471	Inorganic	GELC	CASA-17-132320	05/02/17	R-35a	1013.10	1062.20
2017-1471	Inorganic	GELC	CASA-17-132329	05/02/17	R-35a	1013.10	1062.20
2017-1471	Inorganic	GELC	CASA-17-132321	05/02/17	R-35b	825.40	848.50
2017-1471	Inorganic	GELC	CASA-17-132330	05/02/17	R-35b	825.40	848.50
2017-1476	Inorganic	GELC	CASA-17-132325	05/03/17	R-67	1242.6	1263
2017-1476	Inorganic	GELC	CASA-17-132334	05/03/17	R-67	1242.6	1263
2017-1476	Inorganic	GELC	CASA-17-132337	05/03/17	R-67	1242.6	1263
2017-1476	Inorganic	GELC	CASA-17-132338	05/03/17	R-67	1242.6	1263
2017-1483	Rad[c]	ARSL[d]	CASA-17-132334	05/03/17	R-67	1242.6	1263
2017-1483	Rad	ARSL	CASA-17-132337	05/03/17	R-67	1242.6	1263
2017-1486	Inorganic	GELC	CASA-17-132327	05/04/17	SCI-2	548.00	568.00
2017-1486	Inorganic	GELC	CASA-17-132336	05/04/17	SCI-2	548.00	568.00
2017-1489	Inorganic	GELC	CASA-17-132322	05/05/17	R-36	766.90	789.90
2017-1489	Inorganic	GELC	CASA-17-132331	05/05/17	R-36	766.90	789.90
2017-1490	Inorganic	GELC	CASA-17-132319	05/05/17	R-11	855.00	877.90
2017-1490	Inorganic	GELC	CASA-17-132328	05/05/17	R-11	855.00	877.90
2017-1496	Inorganic	GELC	CASA-17-132323	05/08/17	R-43 S1	903.90	924.60
2017-1496	Inorganic	GELC	CASA-17-132332	05/08/17	R-43 S1	903.90	924.60
2017-1496	Inorganic	GELC	CASA-17-132324	05/08/17	R-43 S2	969.10	979.10

Chain of Custody	Category	Lab	Sample	Date	Location	Screen Top Depth (ft)	Screen Bottom Depth (ft)
2017-1496	Inorganic	GELC	CASA-17-132333	05/08/17	R-43 S2	969.10	979.10
2017-1496	Inorganic	GELC	CAMO-17-132524	05/08/17	R-62	1158.4	1179.1
2017-1496	Inorganic	GELC	CAMO-17-132526	05/08/17	R-62	1158.4	1179.1
2017-1505	Inorganic	GELC	CAMO-17-132199	05/09/17	MCOI-5	689.04	699.00
2017-1505	Inorganic	GELC	CAMO-17-132219	05/09/17	MCOI-5	689.04	699.00
2017-1505	Organic	GELC	CAMO-17-132219	05/09/17	MCOI-5	689.04	699.00
2017-1506	Inorganic	GELC	CAMO-17-132206	05/09/17	R-33 S1	995.50	1018.50
2017-1506	Inorganic	GELC	CAMO-17-132226	05/09/17	R-33 S1	995.50	1018.50
2017-1516	Inorganic	GELC	CAMO-17-132207	05/10/17	R-33 S2	1112.40	1122.30
2017-1516	Inorganic	GELC	CAMO-17-132227	05/10/17	R-33 S2	1112.40	1122.30
2017-1517	Inorganic	GELC	CAMO-17-132205	05/10/17	R-28	934.30	958.10
2017-1517	Inorganic	GELC	CAMO-17-132225	05/10/17	R-28	934.30	958.10
2017-1517	Inorganic	GELC	CAMO-17-132208	05/10/17	R-42	931.80	952.90
2017-1517	Inorganic	GELC	CAMO-17-132228	05/10/17	R-42	931.80	952.90
2017-1529	Inorganic	GELC	CAMO-17-132200	05/11/17	MCOI-6	686.00	708.30
2017-1529	Inorganic	GELC	CAMO-17-132220	05/11/17	MCOI-6	686.00	708.30
2017-1529	Inorganic	GELC	CAMO-17-132307	05/11/17	MCOI-6	686.00	708.30
2017-1529	Inorganic	GELC	CAMO-17-132308	05/11/17	MCOI-6	686.00	708.30
2017-1529	Organic	GELC	CAMO-17-132220	05/11/17	MCOI-6	686.00	708.30
2017-1529	Organic	GELC	CAMO-17-132307	05/11/17	MCOI-6	686.00	708.30
2017-1533	Inorganic	GELC	CAMO-17-132201	05/15/17	R-1	1031.12	1057.42
2017-1533	Inorganic	GELC	CAMO-17-132221	05/15/17	R-1	1031.12	1057.42
2017-1533	Inorganic	GELC	CAMO-17-132204	05/15/17	R-15	958.60	1020.30
2017-1533	Inorganic	GELC	CAMO-17-132224	05/15/17	R-15	958.60	1020.30
2017-1541	Inorganic	GELC	CAMO-17-132202	05/16/17	R-13	958.33	1018.72
2017-1541	Inorganic	GELC	CAMO-17-132222	05/16/17	R-13	958.33	1018.72
2017-1541	Inorganic	GELC	CAMO-17-132218	05/16/17	SIMR-2	885	905.4
2017-1541	Inorganic	GELC	CAMO-17-132238	05/16/17	SIMR-2	885	905.4
2017-1548	Inorganic	EES6[e]	CAMO-17-132211	05/17/17	R-45 S1	880.00	890.00
2017-1548	Inorganic	EES6	CAMO-17-132212	05/17/17	R-45 S2	974.90	994.90
2017-1552	Inorganic	GELC	CAMO-17-132211	05/17/17	R-45 S1	880.00	890.00
2017-1552	Inorganic	GELC	CAMO-17-133050	05/17/17	R-45 S1	880.00	890.00
2017-1552	Inorganic	GELC	CAMO-17-132212	05/17/17	R-45 S2	974.90	994.90
2017-1552	Inorganic	GELC	CAMO-17-133051	05/17/17	R-45 S2	974.90	994.90
2017-1552	Inorganic	GELC	CAMO-17-132214	05/17/17	R-50 S1	1077.00	1087.00
2017-1552	Inorganic	GELC	CAMO-17-132234	05/17/17	R-50 S1	1077.00	1087.00
2017-1555	Rad	ARSL	CAMO-17-133050	05/17/17	R-45 S1	880.00	890.00
2017-1555	Rad	ARSL	CAMO-17-133051	05/17/17	R-45 S2	974.90	994.90
2017-1555	Rad	ARSL	CAMO-17-132234	05/17/17	R-50 S1	1077.00	1087.00

Chain of Custody	Category	Lab	Sample	Date	Location	Screen Top Depth (ft)	Screen Bottom Depth (ft)
2017-1555	Rad	ARSL	CAMO-17-132238	05/16/17	SIMR-2	885	905.4
2017-1561	Inorganic	EES6	CAMO-17-132523	05/18/17	R-44 S1	895.00	905.00
2017-1565	Inorganic	GELC	CAMO-17-132523	05/18/17	R-44 S1	895.00	905.00
2017-1565	Inorganic	GELC	CAMO-17-133048	05/18/17	R-44 S1	895.00	905.00
2017-1565	Inorganic	GELC	CAMO-17-132210	05/18/17	R-44 S2	985.30	995.20
2017-1565	Inorganic	GELC	CAMO-17-133049	05/18/17	R-44 S2	985.30	995.20
2017-1566	Inorganic	GELC	CAMO-17-132215	05/18/17	R-50 S2	1185.00	1205.60
2017-1566	Inorganic	GELC	CAMO-17-132235	05/18/17	R-50 S2	1185.00	1205.60
2017-1618	Rad	ARSL	CAMO-17-133048	05/18/17	R-44 S1	895.00	905.00
2017-1618	Rad	ARSL	CAMO-17-133049	05/18/17	R-44 S2	985.30	995.20
2017-1618	Rad	ARSL	CAMO-17-132235	05/18/17	R-50 S2	1185.00	1205.60
2017-2115	Inorganic	GELC	CASA-17-142008	07/26/17	R-35b	825.40	848.50
2017-2115	Inorganic	GELC	CASA-17-142016	07/26/17	R-35b	825.40	848.50
2017-2115	Inorganic	GELC	CASA-17-142009	07/26/17	R-36	766.90	789.90
2017-2115	Inorganic	GELC	CASA-17-142017	07/26/17	R-36	766.90	789.90
2017-2115	Inorganic	GELC	CASA-17-142022	07/26/17	R-36	766.90	789.90
2017-2115	Inorganic	GELC	CASA-17-142023	07/26/17	R-36	766.90	789.90
2017-2116	Inorganic	GELC	CASA-17-142007	07/26/17	R-35a	1013.10	1062.20
2017-2116	Inorganic	GELC	CASA-17-142015	07/26/17	R-35a	1013.10	1062.20
2017-2179	Inorganic	GELC	CAMO-17-141979	07/28/17	R-42	931.80	952.90
2017-2179	Inorganic	GELC	CAMO-17-141995	07/28/17	R-42	931.80	952.90
2017-2179	Inorganic	GELC	CAMO-17-142312	07/28/17	R-50 S1	1077.00	1087.00
2017-2179	Inorganic	GELC	CAMO-17-142780	07/28/17	R-50 S1	1077.00	1087.00
2017-2179	Inorganic	GELC	CAMO-17-141985	07/28/17	R-50 S2	1185.00	1205.60
2017-2179	Inorganic	GELC	CAMO-17-142313	07/28/17	R-50 S2	1185.00	1205.60
2017-2224	Inorganic	GELC	CAMO-17-141972	07/31/17	MCOI-5	689.04	699.00
2017-2224	Inorganic	GELC	CAMO-17-141988	07/31/17	MCOI-5	689.04	699.00
2017-2224	Inorganic	GELC	CASA-17-142013	07/31/17	SCI-2	548.00	568.00
2017-2224	Inorganic	GELC	CASA-17-142021	07/31/17	SCI-2	548.00	568.00
2017-2278	Inorganic	GELC	CASA-17-142006	08/01/17	R-11	855.00	877.90
2017-2278	Inorganic	GELC	CASA-17-142014	08/01/17	R-11	855.00	877.90
2017-2278	Inorganic	GELC	CASA-17-142020	08/01/17	R-67	1242.6	1263
2017-2278	Inorganic	GELC	CASA-17-142775	08/01/17	R-67	1242.6	1263
2017-2284	Inorganic	GELC	CAMO-17-141977	08/01/17	R-33 S1	995.50	1018.50
2017-2284	Inorganic	GELC	CAMO-17-141993	08/01/17	R-33 S1	995.50	1018.50
2017-2284	Inorganic	GELC	CAMO-17-141978	08/01/17	R-33 S2	1112.40	1122.30
2017-2284	Inorganic	GELC	CAMO-17-141994	08/01/17	R-33 S2	1112.40	1122.30
2017-2301	Inorganic	GELC	CAMO-17-142310	08/02/17	R-45 S1	880.00	890.00
2017-2301	Inorganic	GELC	CAMO-17-142315	08/02/17	R-45 S1	880.00	890.00

Chain of Custody	Category	Lab	Sample	Date	Location	Screen Top Depth (ft)	Screen Bottom Depth (ft)
2017-2301	Inorganic	GELC	CAMO-17-142778	08/02/17	R-45 S1	880.00	890.00
2017-2301	Inorganic	GELC	CAMO-17-142781	08/02/17	R-45 S1	880.00	890.00
2017-2301	Inorganic	GELC	CAMO-17-142311	08/02/17	R-45 S2	974.90	994.90
2017-2301	Inorganic	GELC	CAMO-17-142779	08/02/17	R-45 S2	974.90	994.90
2017-2310	Inorganic	GELC	CAMO-17-141976	08/02/17	R-28	934.30	958.10
2017-2310	Inorganic	GELC	CAMO-17-141992	08/02/17	R-28	934.30	958.10
2017-2313	Rad	ARSL	CAMO-17-142310	08/02/17	R-45 S1	880.00	890.00
2017-2313	Rad	ARSL	CAMO-17-142315	08/02/17	R-45 S1	880.00	890.00
2017-2313	Rad	ARSL	CAMO-17-142311	08/02/17	R-45 S2	974.90	994.90
2017-2313	Rad	ARSL	CAMO-17-142312	07/28/17	R-50 S1	1077.00	1087.00
2017-2313	Rad	ARSL	CAMO-17-142313	07/28/17	R-50 S2	1185.00	1205.60
2017-2339	Inorganic	GELC	CAMO-17-141974	08/03/17	R-13	958.33	1018.72
2017-2339	Inorganic	GELC	CAMO-17-141990	08/03/17	R-13	958.33	1018.72
2017-2339	Inorganic	GELC	CAMO-17-141975	08/03/17	R-15	958.60	1020.30
2017-2339	Inorganic	GELC	CAMO-17-141991	08/03/17	R-15	958.60	1020.30
2017-2339	Inorganic	GELC	CAMO-17-141980	08/03/17	R-44 S1	895.00	905.00
2017-2339	Inorganic	GELC	CAMO-17-142308	08/03/17	R-44 S1	895.00	905.00
2017-2339	Inorganic	GELC	CAMO-17-141981	08/03/17	R-44 S2	985.30	995.20
2017-2339	Inorganic	GELC	CAMO-17-142309	08/03/17	R-44 S2	985.30	995.20
2017-2359	Inorganic	GELC	CAMO-17-141986	08/04/17	R-62	1158.4	1179.1
2017-2359	Inorganic	GELC	CAMO-17-142002	08/04/17	R-62	1158.4	1179.1
2017-2360	Inorganic	GELC	CASA-17-142011	08/04/17	R-43 S2	969.10	979.10
2017-2360	Inorganic	GELC	CASA-17-142019	08/04/17	R-43 S2	969.10	979.10
2017-2376	Inorganic	GELC	CAMO-17-141989	08/07/17	MCOI-6	686.00	708.30
2017-2376	Inorganic	GELC	CAMO-17-142777	08/07/17	MCOI-6	686.00	708.30
2017-2418	Inorganic	GELC	CAMO-17-141987	08/08/17	SIMR-2	885	905.4
2017-2418	Inorganic	GELC	CAMO-17-142314	08/08/17	SIMR-2	885	905.4
2017-2427	Inorganic	GELC	CASA-17-142018	08/09/17	R-43 S1	903.90	924.60
2017-2427	Inorganic	GELC	CASA-17-142776	08/09/17	R-43 S1	903.90	924.60
2017-2444	Rad	ARSL	CAMO-17-142308	08/03/17	R-44 S1	895.00	905.00
2017-2444	Rad	ARSL	CAMO-17-142309	08/03/17	R-44 S2	985.30	995.20
2017-2444	Rad	ARSL	CAMO-17-142314	08/08/17	SIMR-2	885	905.4
2017-2464	Inorganic	UIL	CAMO-17-142777	08/07/17	MCOI-6	686.00	708.30
2017-2464	Inorganic	UIL	CASA-17-142776	08/09/17	R-43 S1	903.90	924.60
2017-2464	Inorganic	UIL	CAMO-17-142778	08/02/17	R-45 S1	880.00	890.00
2017-2464	Inorganic	UIL	CAMO-17-142781	08/02/17	R-45 S1	880.00	890.00
2017-2464	Inorganic	UIL	CAMO-17-142779	08/02/17	R-45 S2	974.90	994.90
2017-2464	Inorganic	UIL	CAMO-17-142780	07/28/17	R-50 S1	1077.00	1087.00
2017-2464	Inorganic	UIL	CASA-17-142775	08/01/17	R-67	1242.6	1263

Chain of Custody	Category	Lab	Sample	Date	Location	Screen Top Depth (ft)	Screen Bottom Depth (ft)
2017-2466	Inorganic	UIL	CAMO-17-132200	05/11/17	MCOI-6	686.00	708.30
2017-2466	Inorganic	UIL	CAMO-17-132308	05/11/17	MCOI-6	686.00	708.30
2017-2466	Inorganic	UIL	CASA-17-132319	05/05/17	R-11	855.00	877.90
2017-2466	Inorganic	UIL	CASA-17-132323	05/08/17	R-43 S1	903.90	924.60
2017-2466	Inorganic	UIL	CAMO-17-132523	05/18/17	R-44 S1	895.00	905.00
2017-2466	Inorganic	UIL	CAMO-17-132211	05/17/17	R-45 S1	880.00	890.00
2017-2466	Inorganic	UIL	CAMO-17-132212	05/17/17	R-45 S2	974.90	994.90
2017-2466	Inorganic	UIL	CAMO-17-132214	05/17/17	R-50 S1	1077.00	1087.00
2017-2466	Inorganic	UIL	CAMO-17-132524	05/08/17	R-62	1158.4	1179.1
2017-2466	Inorganic	UIL	CASA-17-132338	05/03/17	R-67	1242.6	1263
2017-2466	Inorganic	UIL	CASA-17-132327	05/04/17	SCI-2	548.00	568.00
2018-594	Inorganic	GELC	CAMO-18-147642	10/26/17	R-50 S1	1077.00	1087.00
2018-594	Inorganic	GELC	CAMO-18-147657	10/26/17	R-50 S1	1077.00	1087.00
2018-594	Inorganic	GELC	CAMO-18-147643	10/26/17	R-50 S2	1185.00	1205.60
2018-594	Inorganic	GELC	CAMO-18-147658	10/26/17	R-50 S2	1185.00	1205.60
2018-634	Inorganic	GELC	CAMO-18-147638	10/30/17	R-44 S1	895.00	905.00
2018-634	Inorganic	GELC	CAMO-18-147653	10/30/17	R-44 S1	895.00	905.00
2018-634	Inorganic	GELC	CAMO-18-147639	10/30/17	R-44 S2	985.30	995.20
2018-634	Inorganic	GELC	CAMO-18-147654	10/30/17	R-44 S2	985.30	995.20
2018-634	Inorganic	GELC	CAMO-18-147648	10/30/17	SIMR-2	885	905.4
2018-634	Inorganic	GELC	CAMO-18-147663	10/30/17	SIMR-2	885	905.4
2018-656	Inorganic	GELC	CAMO-18-147640	10/31/17	R-45 S1	880.00	890.00
2018-656	Inorganic	GELC	CAMO-18-147655	10/31/17	R-45 S1	880.00	890.00
2018-656	Inorganic	GELC	CAMO-18-147641	10/31/17	R-45 S2	974.90	994.90
2018-656	Inorganic	GELC	CAMO-18-147656	10/31/17	R-45 S2	974.90	994.90
2018-656	Inorganic	GELC	CAMO-18-147681	10/31/17	R-45 S2	974.90	994.90
2018-656	Inorganic	GELC	CAMO-18-147685	10/31/17	R-45 S2	974.90	994.90
2018-656	Inorganic	GELC	CAMO-18-147647	10/31/17	R-61 S1	1125.00	1135.00
2018-656	Inorganic	GELC	CAMO-18-147662	10/31/17	R-61 S1	1125.00	1135.00
2018-739	Inorganic	GELC	CASA-18-148005	11/06/17	R-35a	1013.10	1062.20
2018-739	Inorganic	GELC	CASA-18-148007	11/06/17	R-35a	1013.10	1062.20
2018-739	Inorganic	GELC	CASA-18-148006	11/06/17	R-35b	825.40	848.50
2018-739	Inorganic	GELC	CASA-18-148008	11/06/17	R-35b	825.40	848.50
2018-739	Inorganic	GELC	CASA-18-147992	11/06/17	R-36	766.90	789.90
2018-739	Inorganic	GELC	CASA-18-147999	11/06/17	R-36	766.90	789.90
2018-739	Organic	GELC	CASA-18-148007	11/06/17	R-35a	1013.10	1062.20
2018-739	Organic	GELC	CASA-18-148008	11/06/17	R-35b	825.40	848.50
2018-739	Organic	GELC	CASA-18-147999	11/06/17	R-36	766.90	789.90
2018-739	Rad	GELC	CASA-18-148007	11/06/17	R-35a	1013.10	1062.20

Chain of Custody	Category	Lab	Sample	Date	Location	Screen Top Depth (ft)	Screen Bottom Depth (ft)
2018-739	Rad	GELC	CASA-18-148008	11/06/17	R-35b	825.40	848.50
2018-739	Rad	GELC	CASA-18-147999	11/06/17	R-36	766.90	789.90
2018-786	Inorganic	EES6	CAMO-18-148059	11/07/17	R-33 S1	995.50	1018.50
2018-787	Inorganic	GELC	CAMO-18-148059	11/07/17	R-33 S1	995.50	1018.50
2018-787	Inorganic	GELC	CAMO-18-148075	11/07/17	R-33 S1	995.50	1018.50
2018-787	Inorganic	GELC	CAMO-18-148060	11/07/17	R-33 S2	1112.40	1122.30
2018-787	Inorganic	GELC	CAMO-18-148076	11/07/17	R-33 S2	1112.40	1122.30
2018-787	Organic	GELC	CAMO-18-148075	11/07/17	R-33 S1	995.50	1018.50
2018-787	Organic	GELC	CAMO-18-148076	11/07/17	R-33 S2	1112.40	1122.30
2018-787	Rad	GELC	CAMO-18-148075	11/07/17	R-33 S1	995.50	1018.50
2018-787	Rad	GELC	CAMO-18-148076	11/07/17	R-33 S2	1112.40	1122.30
2018-827	Inorganic	GELC	CAMO-18-148057	11/08/17	R-13	958.33	1018.72
2018-827	Inorganic	GELC	CAMO-18-148073	11/08/17	R-13	958.33	1018.72
2018-827	Inorganic	GELC	CAMO-18-148058	11/08/17	R-15	958.60	1020.30
2018-827	Inorganic	GELC	CAMO-18-148074	11/08/17	R-15	958.60	1020.30
2018-827	Inorganic	GELC	CAMO-18-148109	11/08/17	R-15	958.60	1020.30
2018-827	Inorganic	GELC	CAMO-18-148111	11/08/17	R-15	958.60	1020.30
2018-827	Organic	GELC	CAMO-18-148073	11/08/17	R-13	958.33	1018.72
2018-827	Organic	GELC	CAMO-18-148074	11/08/17	R-15	958.60	1020.30
2018-827	Organic	GELC	CAMO-18-148111	11/08/17	R-15	958.60	1020.30
2018-827	Rad	GELC	CAMO-18-148073	11/08/17	R-13	958.33	1018.72
2018-827	Rad	GELC	CAMO-18-148074	11/08/17	R-15	958.60	1020.30
2018-827	Rad	GELC	CAMO-18-148111	11/08/17	R-15	958.60	1020.30
2018-828	Inorganic	GELC	CASA-18-147991	11/08/17	R-11	855.00	877.90
2018-828	Inorganic	GELC	CASA-18-147998	11/08/17	R-11	855.00	877.90
2018-828	Organic	GELC	CASA-18-147998	11/08/17	R-11	855.00	877.90
2018-828	Rad	GELC	CASA-18-147998	11/08/17	R-11	855.00	877.90
2018-833	Rad	ARSL	CASA-18-147998	11/08/17	R-11	855.00	877.90
2018-835	Rad	ARSL	CAMO-18-148073	11/08/17	R-13	958.33	1018.72
2018-835	Rad	ARSL	CAMO-18-148074	11/08/17	R-15	958.60	1020.30
2018-835	Rad	ARSL	CAMO-18-148111	11/08/17	R-15	958.60	1020.30
2018-835	Rad	ARSL	CAMO-18-148075	11/07/17	R-33 S1	995.50	1018.50
2018-835	Rad	ARSL	CAMO-18-148076	11/07/17	R-33 S2	1112.40	1122.30
2018-835	Rad	ARSL	CASA-18-148007	11/06/17	R-35a	1013.10	1062.20
2018-835	Rad	ARSL	CASA-18-148008	11/06/17	R-35b	825.40	848.50
2018-835	Rad	ARSL	CASA-18-147999	11/06/17	R-36	766.90	789.90
2018-841	Inorganic	EES6	CAMO-18-148055	11/09/17	MCOI-6	686.00	708.30
2018-841	Inorganic	EES6	CAMO-18-148056	11/09/17	R-1	1031.12	1057.42
2018-841	Inorganic	EES6	CAMO-18-148108	11/09/17	R-1	1031.12	1057.42

Chain of Custody	Category	Lab	Sample	Date	Location	Screen Top Depth (ft)	Screen Bottom Depth (ft)
2018-853	Inorganic	GELC	CAMO-18-148054	11/10/17	MCOI-5	689.04	699.00
2018-853	Inorganic	GELC	CAMO-18-148070	11/10/17	MCOI-5	689.04	699.00
2018-853	Inorganic	GELC	CASA-18-147995	11/10/17	R-67	1242.6	1263
2018-853	Inorganic	GELC	CASA-18-148002	11/10/17	R-67	1242.6	1263
2018-853	Organic	GELC	CAMO-18-148070	11/10/17	MCOI-5	689.04	699.00
2018-853	Organic	GELC	CASA-18-148002	11/10/17	R-67	1242.6	1263
2018-853	Rad	GELC	CAMO-18-148070	11/10/17	MCOI-5	689.04	699.00
2018-853	Rad	GELC	CASA-18-148002	11/10/17	R-67	1242.6	1263
2018-854	Inorganic	GELC	CAMO-18-148055	11/09/17	MCOI-6	686.00	708.30
2018-854	Inorganic	GELC	CAMO-18-148071	11/09/17	MCOI-6	686.00	708.30
2018-854	Inorganic	GELC	CAMO-18-148056	11/09/17	R-1	1031.12	1057.42
2018-854	Inorganic	GELC	CAMO-18-148072	11/09/17	R-1	1031.12	1057.42
2018-854	Inorganic	GELC	CAMO-18-148108	11/09/17	R-1	1031.12	1057.42
2018-854	Inorganic	GELC	CAMO-18-148110	11/09/17	R-1	1031.12	1057.42
2018-854	Inorganic	GELC	CASA-18-147993	11/09/17	R-43 S1	903.90	924.60
2018-854	Inorganic	GELC	CASA-18-148000	11/09/17	R-43 S1	903.90	924.60
2018-854	Inorganic	GELC	CASA-18-147994	11/09/17	R-43 S2	969.10	979.10
2018-854	Inorganic	GELC	CASA-18-148001	11/09/17	R-43 S2	969.10	979.10
2018-854	Organic	GELC	CAMO-18-148071	11/09/17	MCOI-6	686.00	708.30
2018-854	Organic	GELC	CAMO-18-148072	11/09/17	R-1	1031.12	1057.42
2018-854	Organic	GELC	CAMO-18-148110	11/09/17	R-1	1031.12	1057.42
2018-854	Organic	GELC	CASA-18-148000	11/09/17	R-43 S1	903.90	924.60
2018-854	Organic	GELC	CASA-18-148001	11/09/17	R-43 S2	969.10	979.10
2018-854	Rad	GELC	CAMO-18-148071	11/09/17	MCOI-6	686.00	708.30
2018-854	Rad	GELC	CAMO-18-148072	11/09/17	R-1	1031.12	1057.42
2018-854	Rad	GELC	CAMO-18-148110	11/09/17	R-1	1031.12	1057.42
2018-854	Rad	GELC	CASA-18-148000	11/09/17	R-43 S1	903.90	924.60
2018-854	Rad	GELC	CASA-18-148001	11/09/17	R-43 S2	969.10	979.10
2018-888	Inorganic	GELC	CASA-18-147996	11/13/17	SCI-1	358.40	377.90
2018-888	Inorganic	GELC	CASA-18-148003	11/13/17	SCI-1	358.40	377.90
2018-888	Inorganic	GELC	CASA-18-147997	11/13/17	SCI-2	548.00	568.00
2018-888	Inorganic	GELC	CASA-18-148004	11/13/17	SCI-2	548.00	568.00
2018-888	Inorganic	GELC	CASA-18-148011	11/13/17	SCI-2	548.00	568.00
2018-888	Inorganic	GELC	CASA-18-148012	11/13/17	SCI-2	548.00	568.00
2018-888	Organic	GELC	CASA-18-148003	11/13/17	SCI-1	358.40	377.90
2018-888	Organic	GELC	CASA-18-148004	11/13/17	SCI-2	548.00	568.00
2018-888	Organic	GELC	CASA-18-148012	11/13/17	SCI-2	548.00	568.00
2018-888	Rad	GELC	CASA-18-148003	11/13/17	SCI-1	358.40	377.90
2018-888	Rad	GELC	CASA-18-148004	11/13/17	SCI-2	548.00	568.00

Chain of Custody	Category	Lab	Sample	Date	Location	Screen Top Depth (ft)	Screen Bottom Depth (ft)
2018-888	Rad	GELC	CASA-18-148012	11/13/17	SCI-2	548.00	568.00
2018-922	Inorganic	GELC	CAMO-18-148069	11/15/17	SIMR-2	885	905.4
2018-922	Inorganic	GELC	CAMO-18-148085	11/15/17	SIMR-2	885	905.4
2018-922	Organic	GELC	CAMO-18-148085	11/15/17	SIMR-2	885	905.4
2018-922	Rad	GELC	CAMO-18-148085	11/15/17	SIMR-2	885	905.4
2018-932	Rad	ARSL	CAMO-18-148072	11/09/17	R-1	1031.12	1057.42
2018-932	Rad	ARSL	CAMO-18-148110	11/09/17	R-1	1031.12	1057.42
2018-932	Rad	ARSL	CASA-18-148000	11/09/17	R-43 S1	903.90	924.60
2018-932	Rad	ARSL	CASA-18-148001	11/09/17	R-43 S2	969.10	979.10
2018-932	Rad	ARSL	CASA-18-148002	11/10/17	R-67	1242.6	1263
2018-932	Rad	ARSL	CASA-18-148003	11/13/17	SCI-1	358.40	377.90
2018-945	Inorganic	GELC	CAMO-18-148065	11/16/17	R-50 S1	1077.00	1087.00
2018-945	Inorganic	GELC	CAMO-18-148081	11/16/17	R-50 S1	1077.00	1087.00
2018-945	Inorganic	GELC	CAMO-18-148066	11/16/17	R-50 S2	1185.00	1205.60
2018-945	Inorganic	GELC	CAMO-18-148082	11/16/17	R-50 S2	1185.00	1205.60
2018-945	Organic	GELC	CAMO-18-148081	11/16/17	R-50 S1	1077.00	1087.00
2018-945	Organic	GELC	CAMO-18-148082	11/16/17	R-50 S2	1185.00	1205.60
2018-945	Rad	GELC	CAMO-18-148081	11/16/17	R-50 S1	1077.00	1087.00
2018-945	Rad	GELC	CAMO-18-148082	11/16/17	R-50 S2	1185.00	1205.60
2018-1001	Inorganic	GELC	CAMO-18-148067	11/17/17	R-61 S1	1125.00	1135.00
2018-1001	Inorganic	GELC	CAMO-18-148083	11/17/17	R-61 S1	1125.00	1135.00
2018-1001	Inorganic	GELC	CAMO-18-148068	11/17/17	R-62	1158.4	1179.1
2018-1001	Inorganic	GELC	CAMO-18-148084	11/17/17	R-62	1158.4	1179.1
2018-1001	Organic	GELC	CAMO-18-148084	11/17/17	R-62	1158.4	1179.1
2018-1001	Rad	GELC	CAMO-18-148084	11/17/17	R-62	1158.4	1179.1
2018-1038	Inorganic	GELC	CAMO-18-148061	11/20/17	R-44 S1	895.00	905.00
2018-1038	Inorganic	GELC	CAMO-18-148077	11/20/17	R-44 S1	895.00	905.00
2018-1038	Inorganic	GELC	CAMO-18-148062	11/20/17	R-44 S2	985.30	995.20
2018-1038	Inorganic	GELC	CAMO-18-148078	11/20/17	R-44 S2	985.30	995.20
2018-1038	Inorganic	GELC	CAMO-18-148063	11/20/17	R-45 S1	880.00	890.00
2018-1038	Inorganic	GELC	CAMO-18-148079	11/20/17	R-45 S1	880.00	890.00
2018-1038	Organic	GELC	CAMO-18-148077	11/20/17	R-44 S1	895.00	905.00
2018-1038	Organic	GELC	CAMO-18-148078	11/20/17	R-44 S2	985.30	995.20
2018-1038	Organic	GELC	CAMO-18-148079	11/20/17	R-45 S1	880.00	890.00
2018-1038	Rad	GELC	CAMO-18-148077	11/20/17	R-44 S1	895.00	905.00
2018-1038	Rad	GELC	CAMO-18-148078	11/20/17	R-44 S2	985.30	995.20
2018-1038	Rad	GELC	CAMO-18-148079	11/20/17	R-45 S1	880.00	890.00
2018-1067	Rad	ARSL	CAMO-18-148077	11/20/17	R-44 S1	895.00	905.00
2018-1067	Rad	ARSL	CAMO-18-148078	11/20/17	R-44 S2	985.30	995.20

Chain of Custody	Category	Lab	Sample	Date	Location	Screen Top Depth (ft)	Screen Bottom Depth (ft)
2018-1067	Rad	ARSL	CAMO-18-148079	11/20/17	R-45 S1	880.00	890.00
2018-1067	Rad	ARSL	CAMO-18-148081	11/16/17	R-50 S1	1077.00	1087.00
2018-1067	Rad	ARSL	CAMO-18-148082	11/16/17	R-50 S2	1185.00	1205.60
2018-1094	Rad	ARSL	CAMO-18-148084	11/17/17	R-62	1158.4	1179.1
2018-1290	Inorganic	GELC	CAMO-18-150344	12/14/17	R-50 S1	1077.00	1087.00
2018-1290	Inorganic	GELC	CAMO-18-150352	12/14/17	R-50 S1	1077.00	1087.00
2018-1290	Inorganic	GELC	CAMO-18-150363	12/14/17	R-50 S1	1077.00	1087.00
2018-1290	Inorganic	GELC	CAMO-18-150364	12/14/17	R-50 S1	1077.00	1087.00
2018-1290	Inorganic	GELC	CAMO-18-150345	12/14/17	R-50 S2	1185.00	1205.60
2018-1290	Inorganic	GELC	CAMO-18-150353	12/14/17	R-50 S2	1185.00	1205.60
2018-1290	Inorganic	GELC	CAMO-18-150347	12/14/17	SIMR-2	885	905.4
2018-1290	Inorganic	GELC	CAMO-18-150355	12/14/17	SIMR-2	885	905.4
2018-1305	Inorganic	GELC	CAMO-18-150340	12/18/17	R-44 S1	895.00	905.00
2018-1305	Inorganic	GELC	CAMO-18-150348	12/18/17	R-44 S1	895.00	905.00
2018-1305	Inorganic	GELC	CAMO-18-150341	12/18/17	R-44 S2	985.30	995.20
2018-1305	Inorganic	GELC	CAMO-18-150349	12/18/17	R-44 S2	985.30	995.20
2018-1306	Inorganic	GELC	CAMO-18-150342	12/18/17	R-45 S1	880.00	890.00
2018-1306	Inorganic	GELC	CAMO-18-150350	12/18/17	R-45 S1	880.00	890.00
2018-1306	Inorganic	GELC	CAMO-18-150343	12/18/17	R-45 S2	974.90	994.90
2018-1306	Inorganic	GELC	CAMO-18-150351	12/18/17	R-45 S2	974.90	994.90
2018-1331	Inorganic	GELC	CAMO-18-150346	12/19/17	R-61 S1	1125.00	1135.00
2018-1331	Inorganic	GELC	CAMO-18-150354	12/19/17	R-61 S1	1125.00	1135.00

[a] UIL = University of Illinois, Urbana-Champaign.

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

[c] Rad = Radiochemistry (not gamma).

[d] ARSL = American Radiation Services, Inc.

[e] EES6 = Hydrology, Geochemistry, and Geology Group (Los Alamos National Laboratory).